

CHECK LIST OF THE LEPIDOPTERA-RHOPALOCERA OF THE TRANSVAAL, WITH NOTES ON SOME OF THE SPECIES.

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THE first record of Lepidoptera-Rhopalocera from the Transvaal dates back from 1875, when H. D. Wallengren published his "Insecta Transvaaliensia" in the Öfversigt of Kongl. Vetenskaps-Academiens Förhandlingar, pp. 83-137, 1875, based on a collection made by N. Person. After that, Trimen, in his work on South African Lepidoptera-Rhopalocera, recorded and described many species from this Colony. Still later W. L. Distant published in his "Naturalist in the Transvaal," 1892, a list of his captures, recording 73 species and varieties. In 1898, after having spent another three years in the Transvaal, Mr. Distant published a list, "Ann. Mag. Nat. Hist." (7), 1, p. 47 (1898), in which he was able to record 238 species. In that same year Aurivillius published his work "Rhopalocera Aethiopica," in which several species are recorded from the Transvaal, but excluding the Hesperidae.

In the present list the number of species and varieties occurring in this Colony has reached 316, showing an increase above the highest total, 239, that of W. L. Distant, of not less than 78 species.

Mr. Distant's remarks, made some eleven years ago, "Ann. Mag. Nat. Hist." (7), 1, p. 48, "that this list will doubtless be increased when the warm and unhealthy north-eastern regions of the State have been visited by a good collector," applies equally well to the present circumstances. When one takes into consideration that most of the species lately described from the Transvaal are from localities in the eastern part and also from the so-called "bushveld," which are hitherto visited by an occasional collector only, one can quite understand that we expect still further interesting discoveries when these parts will be thoroughly explored.

In the so-called "low country" and part of the bushveld of the Transvaal our butterfly fauna is most abundant, and among the woods which border our rivers, or up the creeks in the different mountain ranges of the east and north-east occur our sub-tropical species, for instance, the fine *Papilio ophidicephalus*, *Charaxes brutus* and many more. That part of the Transvaal has a Lepidoptera fauna quite different from that of the "high veld," which shows that our fauna can really be divided into two distinct regions, the bushveld or middle veld linking these two together. The high veld is of a uniform altitude, between 5,000 and 6,000 feet; its vast, almost unbroken, grassy plains gives one at once the idea of a poor field for a Lepidopterologist; but when once past this plain, coming down into the low country, along the banks of the many rivers and creeks, gay with the colour of the many different species of butterflies, conditions have completely altered, and although our low country cannot compare in richness of Lepidoptera life with Durban or Lourenco Marques, it is there that our Lepidoptera fauna has reached its highest development.

The nomenclature followed in this list is that of Aurivillius, with a few exceptions; Aurivillius, for instance, uses the older name *Cupido* for the genus *Lycaena*, but I have followed Trimen in retaining the name *Lycaena*, which, having been used for a considerable time, has earned for itself a kind of "burger right" in entomological nomenclature; *Phasis* is used by Aurivillius for the well-known genus *Zeritis*, and I would have followed him in this instance but for a note I received from Mr. Feltham, who writes, "I am informed from the Cape Museum that *Phasis* is already preoccupied in another class or order," which of course settles the matter.

The only references given with regard to Synonymy are the original descriptions and references to Trimen's "South African Butterflies," Aurivillius, "Rhop. Aethiopica," and Holland's list of African Hesperidae; and here and there reference is made to other publications when a good figure of the species is published therein. For a full Synonymy I refer students to the abovementioned works, and also, for the Hesperidae, to Holland's Revision and Synonymic Catalogue of the Hesperidae of Africa, etc., published in the Proceedings of the Zoological Society of London for 1896.

My first idea was to publish a list entirely based on material contained in the Museum; but as this would only give an incomplete idea of our fauna, I asked different correspondents to supply me with lists of their captures. Several of them have complied with my request, for which I thank them most sincerely. The names of these correspondents are always placed behind the records they furnished, and for which, of course, they are solely responsible.

There are still a few species not represented in the collection of the Transvaal Museum; these are marked with an asterisk.

ORDER LEPIDOPTERA.

SUB-ORDER LEPIDOPTERA-RHOPALOCERA.

FAMILY I DANAIDIDAE.

GENUS DANAIDA, *LATREILLE*.

Hist. Nat. Crust. Ins., 14, p. 108 (1805); Aurivillius, Rhop. Aeth., p. 31 (1898).

Danais Trimen, S. Afr. Buttf., 1, p. 50 (1887).

1. *Danaida chrysippus* (Linnaeus).

Auriv., Rhop. Aeth., p. 32 (1898).

Papilio chrysippus Linn., Syst. Nat. ed., 10, p. 471 (1758).

Danais chrysippus Trimen, S. Afr. Buttf., 1, p. 51 (1887).

Common throughout the year.

2. *Danaida chrysippus alcippus* (Cramer).

Papilio alcippus Cram., Pap. Exot., 2, p. 45, pl. 127, ff. E. F. (1777).

Danais chrysippus var. A (alcippus, Cram.) Trimen, S. Afr. Buttf., 1, p. 53 (1887).

Danaida chrysippus var. et ab. *alcippus* Aur., Rhop. Aeth., p. 32 (1898).

Pretoria, January (Dr. H. G. Breyer), March (C. J. Swierstra); Waterberg District, January (R. v. Jutrzencha), in Mus. Coll.; Johannesburg, January (A. Oehse); White River, January, December (A. T. Cooke).

3. *Danaida chrysippus dorippus* (Klug).

Euploea dorippus Klug, Symb. Phys., pl. 48 ff 1-5 (1845).

Danais chrysippus var. B (*dorippus* (Klug) Trimen, S. Afr. Buttfl., 1, p. 53 (1887).

Danaida dorippus Aur., Rhop. Aeth., p. 32 (1898).

Irene, Pretoria District, February (C. J. Swierstra), in Mus. Coll.; Witpoortjekloof, near Krugersdorp (H. L. L. Feltham).

GENUS AMAURIS, HÜBNER.

Verz. Bek. Schmett., p. 14 (1816); Trimen, S. Afr. Buttfl., p. 56 (1887); Aurivillius, Rhop. Aeth., p. 34 (1898).

4. *Amauris niavius dominicanus* Trimen.

A. dominicanus Trimen, Trans. Ent. Soc. Lond., p. 323 (1879); S. Afr. Buttfl., 1, p. 61 (1887).

A. niavius var. *dominicanus* Auriv., Rhop. Aeth., p. 37 (1898).

Barberton, January (Gould); id., April (Miss De Beer), in Mus. Coll.

* 5. *Amauris ochlea* (Boisduval).

Euploea ochlea Bsd., App. Voy. de Del. dans l'Afr. Austr., p. 589 (1847).

Amauris ochlea Trimen, Rhop. Afr. Austr., 1, p. 85 (1862), and 2, pl. 2, f. 6 (1866); S. Afr. Buttfl., 1, p. 60 (1887); Aurivillius, Rhop. Aeth., p. 38 (1898).

Recorded by Butler, Proc. Zool. Soc., London, p. 50 (1889), from the Eastern Transvaal.

6. *Amauris echeria* (Stoll).

Trim., S. Afr. Buttfl., 1, p. 57 (1887); Aurivillius, Rhop. Aeth., p. 39 (1898).

Papilio echeria Stoll, Suppl. Cram. Pap. Exot., p. 135, pl. 29, fig. 2, 2b (1791).

Danais echeria Trim., Trans. Linn. Soc. Lond., 26, pl. 42, f. 38 (1869).

Barberton, March (Miss De Beer); Waterval Onder, December (A. Ross); Lydenburg District (P. A. Krantz), in Mus. Coll.; common in the Barberton District (G. W. Jeffery).

7. *Amauris echeria albimaculata* Butler.

Ann Mag. Nat. Hist. (4) 16, p. 394 (1875); Trim. S. Afr. Buttfl., 1, p. 58 (1887); Aurivillius, Rhop. Aeth., p. 40 (1898).

Danais echeria var. A. Trimen, Trans. Linn. Soc. Lond., 26, pl. 42, fig. 7 (1869).

Barberton, December (Gould); id., March (Miss De Beer), in Mus. Coll.; White River Settl. (H. L. L. Feltham).

FAMILY SATYRIDAE. TRIBUS SATYRINA.

GENUS MELANITIS, *FABRICIUS*.

Hligers' Mag., 6, p. 282 (1807); Trimen, S. Afr. Buttfl., 1, p. 3 (1887); Aurivillius, Rhop. Aeth., p. 45 (1898).

8. *Melanitis leda* (Linnaeus).

Trim., S. Afr. Buttfl., 1, p. 112 (1887); Aurivillius, Rhop. Aeth., 1898, p. 45.

Papilio leda Linn, Syst. Nat., ed. 10, p. 474 (1758).

Malalane, February (Gould), in Mus. Coll.; Fountain Valley, Pretoria (H. L. L. Feltham); Pretoria, August, September (W. L. Distant).

9. *Melanitis leda ismene* (Cramer).

Papilio ismene Cram., Pap. Exot. 1, pl. 26, ff. a. b. (1775).

Melanitis leda L., part. Trimen, S. Afr. Buttfl., 1, p. 112 (1887).

Melanitis leda var. Temp.(?) et ab. *ismene* Cr., Auriv., Rhop. Aeth., 1898, p. 45.

Lydenburg District (P. A. Krantz), Pretoria (Miss J. Gunning), in Mus. Coll.

GENUS GNOPHODES, *WESTWOOD*.

Gen. D. Lep., 2, p. 363 (1851); Trimen, Rhop. Afr. Austr., 2, p. 189 (1866); Aurivillius, Rhop. Aeth., 1898, p. 46.

Melanitis, part. Trimen, S. Afr. Buttfl., 1, p. 3 (1887).

* 10. *Gnophodes parmeno diversa* Butler.

Gn. *diversa*, Butl., Ann. Mag. Nat. Hist., (5), 5, p. 333 (1880).

Melanitis diversa (Butl.), Trimen, S. Afr. Buttfl., 1, p. 116 (1887).

Gn. *parmeno* var. *diversa* Butl., Aurivillius, Rhop. Aeth., p. 46 (1898).

Eureka District (Dr. P. Rendall), ident. by Mr. H. Grose-Smith (W. L. Distant).

GENUS MYCALESIS, *HÜBNER*.

Verz. Bek. Schmett., p. 54 (1818-27); Trimen, S. Afr. Buttfl., 1, p. 103 (1887); Auriv., Rhop. Aeth., p. 47 (1898).

11. *Mycalesis ena* Hewitson.

Ent. M. Mag., 14, p. 107 (1877); Trimen, Proc. Zool. Soc., p. 82 (1894); A. G. Butler, Proc. Zool. Soc., p. 903 (1898); Aurivillius, Rhop. Aeth., p. 54 (1898).

Shilouvane, March, May, and September (H. A. Junod), in Mus. Coll.; White River Settl. (H. L. L. Feltham).

12. *Mycalesis safitza* Hewitson.

Gen. Diurn. Lep., p. 394, pl. 66, f. 3 (1851); Exot. Buttfl., 3, p. 80, pl. 40, f. 4 (1862); Trimen, S. Afr. Buttfl., 1, p. 105 (1887); Auriv., Rhop. Aeth., p. 56 (1898).

Johannesburg, January (A. Ross); Shilouvane, March, April (H. A. Junod); Barberton, December (Gould), in Mus. Coll.; White River, December (A. T. Cooke).

13. *Mycalesis safitza evenus* Hopffer.

M. evenus Hopffer, Mon. K. Ak. Wiss. Berlin, 1885, p. 641, n. 13; Peters' Reise n. Mossamb. Ins., p. 393, pl. 25, ff. 3, 4 (1862).

M. safitza var. A. Trimen, S. Afr. Buttfl., 1, p. 106 (1887).

M. safitza var. *evenus* Hopff. Aurivillius, Rhop. Aeth., p. 56 (1898).

Bronkhorstspuit (Major Ridley), in Mus. Coll.

GENUS HENOTESIA, BUTLER.

Ann. Mag. Nat. Hist. (5) 4, p. 228 (1879); Aurivillius, Rhop. Aeth., p. 58 (1898).

Mycalesis Trimen, S. Afr. Buttfl., 1, p. 103 (1887).

14. *Henotesia perspicua* (Trimen).

Aurivillius, Rhop. Aeth., p. 61 (1898).

Mycalesis perspicua Trim., Trans. Ent. Soc. Lond., 1873, p. 104, pl. 1, f. 3; S. Afr. Buttfl., 1, p. 107 (1887).

Fairly common in the warmer parts.

15. *Henotesia perspicua simonsii* (Butler).

Mycalesis simonsii Butl., Ann. Mag. Nat. Hist., (4) 19, p. 458 (1877); Trimen, S. Afr. Buttfl., 1, p. 109 (1887).

Henotesia simonsii Butl., Aurivillius, Rhop. Aeth., p. 63 (1898).

Pretoria (Dr. H. G. Breyer), in Mus. Coll.; Upper Limpopo River (F. H. Barker, teste R. Trimen).

GENUS MENERIS, WESTWOOD.

Gen. Diurn. Lep., 2, p. 296 (1850); Trimen, S. Afr. Buttfl., 1, p. 123 (1887); Aurivillius, Rhop. Aeth., p. 66 (1898).

Lethe part Trimen, S. Afr. Buttfl., 1, p. 123 (1887).

16. *Meneris tulbaghia* (Linnaeus).

Papilio tulbaghia Linn., Mus. L. Ulr., p. 284 (1764).

Meneris tulbaghia (Linn.), Trimen, S. Afr. Buttfl., 1, p. 125 (1887); Aurivillius, Rhop. Aeth., p. 66 (1898).

Johannesburg, February (A. Ross), in Mus. Coll.; id., February, March (H. L. L. Feltham, A. T. Cooke, and A. Oehse); Elandsfontein (G. W. Jeffery); Barberton (Dr. P. Rendall, teste Distant).

17. *Meneris indosa* (Trimen).

Aurivillius, Rhop. Aeth., 1898, p. 66.

Debis indosa Trimen, Trans. Ent. Soc. Lond., 1879, p. 324.

Lethe indosa (Trimen), S. Afr. Buttfl., 1, p. 121, pl. 7, fig. 1 (1887).

Shilouvane, April, May (H. A. Junod), in Mus. Coll.; Lydenburg District (T. Ayres, teste Trimen).

GENUS LEPTONEURA, WALLENGREN.

Rhop. Caffr., p. 31 (1857); Trimen, S. Afr. Buttfl., 1, p. 91 (1887); Aurivillius, Rhop. Aeth., p. 67 (1898).

18. *Leptoneura dingana* Trimen.

Lydenburg District (P. A. Krantz, in Mus. Coll.; T. Ayres, 1, p. 97 (1887); Aurivillius, Rhop. Aeth., p. 68 (1898).

Lydenburg District (P. A. Krantz, in Mus. Coll.; T. Ayres, teste Trimen).

* 19. *Leptoneura bowkeri* Trimen.

Trans. Ent. Soc. Lond., p. 348, pl. 6, f. 2 (1870); S. Afr. Buttfl., 1, p. 98 (1887); Aurivillius, Rhop. Aeth., p. 68 (1898).

Lydenburg district (T. Ayres, teste Trimen).

20. *Leptoneura jansei* Swierstra.

Plate 26, Fig. 1.

Annals Transvaal Museum, I, p. 175 (1909).

Warmberg, near Pietersburg (A. J. T. Janse, in Mus. Coll.)

GENUS COENYRA, HEWITSON.

Trans. Ent. Soc. Lond. (3), 2, p. 281 (1865); Trimen, S. Afr. Buttfl., 1, p. 68 (1887); Aurivillius, Rhop. Aeth., p. 68 (1898).

* 21. *Coenyra hebe* (Trimen).

S. Afr. Buttfl., 1, p. 69 (1887); Aurivillius, Rhop. Aeth., p. 68 (1898).

Yphtima hebe Trim., Trans. Ent. Soc. Lond. (3), 1, p. 280 (1862); Rhop. Afr. Austr., 2, p. 205, pl. 4, f. 3 (1866).

White River, November (A. G. Cook).

* 22. *Coenyra rufiplaga* Trimen.

Trans. Ent. Soc., p. 59, pl. 4, fig. 1 (1906).

Buiskop, near Warmbaths (H. Livingstone, teste R. Trimen).

GENUS *PHYSCÆNEURA*, *WALLENGREN*.

Lep. Rhop. Caffr., p. 32 (1857); Trimen, S. Afr. Buttfl., 1, p. 71 (1887); Aurivillius, Rhop. Aeth., p. 69 (1898).

23. *Physecæneura panda* (Boisduval).

Trimen, S. Afr. Buttfl., 1, p. 71 (1887); Aurivillius, Rhop. Aeth., p. 69 (1898).

Satyrus panda Bsd., App. Voy. de Deleg., 2, p. 594 (1847).

Erebia panda Hopff., Peter's R. n. Mossamb. Ins., p. 392, pl. 25, ff. 1, 2 (1862).

Daspoort, Pretoria District (C. J. Swierstra); Pienaars River, Pretoria District (R. v. Jutrezcka); Lydenburg District (P. A. Krantz); Kaapmuiden, March (Rev. Tomlinson), in Mus. Coll.; Nelspruit (A. G. Cook, A. T. Cooke, and H. L. L. Feltham).

GENUS *PSEUDONYMPHA*, *WALLENGREN*.

Lep. Rhop. Caffr., p. 31 (1857); Trimen, S. Afr. Buttfl., 1, p. 73 (1887); Aurivillius, Rhop. Aeth., p. 69 (1898).

24. *Pseudonympha cassius* (Godart).

Trimen, S. Afr. Buttfl., 1, p. 89 (1887); Aurivillius, Rhop. Aeth., p. 70 (1898).

Papilio hyperbius Cram, Pap. Ex., 11, pl. 168, ff. c. d. (1779).

Satyrus cassius Godt. (part) Enc. Meth., 9, p. 526 (1819?).

Lydenburg District (P. A. Krantz); Barberton, December (Gould); Waterval Onder, December (A. Ross); Shilouvane, November, March (H. A. Junod), in Mus. Coll.

* 25. *Pseudonympha sabacus* (Trimen).

S. Afr. Buttfl., 1, p. 85 (1887).

Erebia sabacus Trim., Rhop. Afr. Austr., 2, p. 200, pl. 4, f. 1 (1866).

Ps. magus (Fabr.), Aurivillius, Rhop. Aeth., p. 70 (1898).

Lydenburg District (T. Ayres, teste R. Trimen).

26. *Pseudonympha vigilans* Trimen.

S. Afr. Buttfl., 1, p. 84 (1887); Aurivillius, Rhop. Aeth., p. 71 (1898).

Pretoria, February (C. J. Swierstra); Johannesburg, February (A. Ross); Waterval Onder, December (A. Ross), and Shilouvane, April, May, August (H. A. Junod), in Mus. Coll.; Johannesburg, March, December (A. G. Cook and H. L. L. Feltham); Heidelberg, December (A. Ochse); Buffelskloof No. 704, December (A. G. Cook).

27. *Pseudonympha narycia* Wallengren.

Lep. Rhop. Caff., p. 32 (1857); Trimen, S. Afr. Buttfl., 1, p. 77 (1887); Aurivillius, Rhop. Aeth., p. 71 (1898).

Pretoria District, February, March (C. J. Swierstra); Johannesburg, November (A. Ross); Lydenburg District (P. A. Krantz), in Mus. Coll.; Pretoria, December; Johannesburg, February, March, and December, Buffelskloof No. 704, Waterberg District, December (A. G. Cook); hills to the north of Johannesburg (H. L. L. Feltham); Heidelberg, December (A. Ochse); Boksburg, February, March, December (teste C. H. Pead); Pretoria, November, December, January; Middelburg, November (W. L. Distant); Potchefstroom District (T. Ayres, teste R. Trimen).

28. *Pseudonympha neita* Wallengren.

Ofvers. Vet. Akad. Forhandl., 32, 1, p. 84 (1857); Trimen, S. Afr. Buttfl., 1, p. 79, pl. 7, f. 2 (1887); Aurivillius, Rhop. Aeth., p. 71 (1898).

Doornfontein (A. Ross); Barberton, December (Gould), in Mus. Coll.; Barberton (Dr. Rendall, teste Distant); id., common (G. W. Jeffery); Warmbaths, January, Buffelskloof No. 704, Waterberg District, December (A. G. Cook); Transvaal (W. Morant and T. Ayres, teste R. Trimen).

GENUS NEOCÆNYRA, BUTLER.

Proc. Zool. Soc., 1885, p. 758; Aurivillius, Rhop. Aeth., p. 72 (1898).

29. *Neocænyra natalii* (Boisduval).

Aurivillius, Rhop. Aeth., p. 72 (1898).

Satyrus natalii Bsd., App. Voy. de Deleg., p. 594 (1847).

Pseudonympha natalii (Bsd.), Trimen, S. Afr. Buttfl., p. 81 (1887).

Piensaars River, November (R. v. Jutrzenka); Lydenburg District (P. A. Krantz), in Mus. Coll.; Crocodile River, south of Shoshong (F. W. Barker, teste R. Trimen).

30. *Neocænyra duplex major* (Trimen).

Trans. Ent. Soc. Lond., 1906, p. 61, pl. 4, f. 2.

Barberton and Malalane, February (Gould), in Mus. Coll.; White River and Nelspruit, November (A. G. Cook); White River, November to January (A. T. Cooke and H. L. L. Feltham).

GENUS YPTHIMA, WESTWOOD.

Gen. Diurn. Lep., 2, p. 394 (1851); Trimen, S. Afr. Buttfl., 1, p. 65 (1887); Aurivillius, Rhop. Aeth., p. 73 (1898).

31. *Ypthima asterope* (Klug).

Trimen, S. Afr. Buttfl., 1, p. 66 (1887); Aurivillius, Rhop. Aeth., p. 77 (1898).

Hipparchia asterope, Klug. Symb. Phys., dec. 3, pl. 29, ff. 11-14 (1832).

Waterval Onder, April (A. Ross); Barberton, February (Gould); Kaapmuiden, March (Rev. Tomlinson); Lydenburg District (P. A. Krantz); Shilouvaue, August (H. A. Junod), in Mus. Coll.; White River, November (A. G. Cook, A. T. Cooke, and H. L. L. Feltham); Warmbaths, January (A. G. Cook); Barberton, January, and Zoutpansberg, May (W. L. Distant).

FAMILY NYMPHALIDAE.

SUB-FAMILY ACRAEINAE.

GENUS PARDOPSIS, *TRIMEN*.

S. Afr. Buttfl., 1, p. 182 (1887); Aurivillius, Rhop. Aeth., p. 80 (1898).

* 32. *Pardopsis punctatissima* (Boisduval).

Trimen, S. Afr. Buttfl., 1, p. 183 (1887); Aurivillius, Rhop. Aeth., p. 81 (1898).

Acraea punctatissima, Bsd., Faune Ent. Mad., etc., 1, p. 31, pl. 6, f. 2 (1833).

Nelspruit, November, December (A. T. Cooke); Barberton, January (W. L. Distant).

GENUS ACRAEA, *FABRICIUS*.

Illiger's Mag., 4, p. 284 (1807); Trimén, S. Afr. Buttfl., 1, p. 131 (1887); Aurivillius, Rhop. Aeth., p. 81 (1898).

* 33. *Acraea rabbaiae* Ward.

Ent. M. Mag., 10, p. 152 (1873); Trimén, S. Afr. Buttfl., 1, p. 133 (1887); Aurivillius, Rhop. Aeth., p. 83 (1898).

Komatipoort, one female, February, 1905 (G. W. Jeffery).

34. *Acraea burni* Butler.

Ann. Mag. Nat. Hist., (6) 18, p. 467 (1896); Proc. Zool. Soc., 1897, p. 841, pl. 50, f. 3; Aurivillius, Rhop. Aeth., p. 88 (1898).

Waterberg District, December (R. v. Jutrzenka); Waterval Onder, January (A. Ross); id., February (Rev. Tomlinson), in Mus. Coll.; Warmbaths, and junction of Nel River and Crocodile Rivers (H. L. L. Feltham); Nelspruit, November to February inclusive (A. G. Cook).

35. *Acraea horta* (Linnaeus).

Trimen, S. Afr. Buttl., 1, p. 134 (1887); Aurivillius, Rhop. Aeth., p. 89 (1898).

Papilio horta Linn., Mus. Lud. Reg., p. 134 (1764).

Pretoria District, January, August, December (C. J. Swierstra); Johannesburg, February (A. Ross); Waterval Onder, January (A. Ross); id., December (Dr. H. G. Breyer), in Mus. Coll.; Pretoria, August, December (A. G. Cook); id., August, November, December, February (W. L. Distant); Lydenburg District (T. Ayres, teste R. Trimén). Where it occurs, a common species.

36. *Acraea neobule* Doubleday.

Gen. Diurn. Lep., pl. 19, f. 3 (1848); Trimén, S. Afr. Buttl., 1, p. 137 (1887); Aurivillius, Rhop. Aeth., p. 89, 1898.

Fairly common all through the Transvaal.

37. *Acraea zetes acara* Hewitson.

Aurivillius, Rhop. Aeth., p. 91 (1898).

A. acara Hew., Exot. Buttl., 3, pl. 8, ff. 19, 20 (1865); Trimén, S. Afr. Buttl., 1, p. 159 (1887).

Throughout the year.

38. *Acraea barkeri* Trimén.

Trans. Ent. Soc. Lond., p. 433 (1881); S. Afr. Buttl., 1, p. 162 (1887); Aurivillius, Rhop. Aeth., p. 91 (1898).

Lydenburg District (P. A. Krantz), in Mus. Coll.; Warmbaths (H. L. L. Feltham).

39. *Acraea anemosa* Hewitson.

Exot. Buttl., 3, pl. 8, ff. 14, 15 (1865); Trimén, S. Afr. Buttl., 1, p. 157 (1887); Aurivillius, Rhop. Aeth., p. 91 (1898).

Pretoria, January, December (C. J. Swierstra); Waterval Onder, December (A. Ross); Louws Creek, September (Dr. L. Gough); Barberton, December (Gould); id., April (Miss De Beer); Waterberg District (R. v. Jutrencha); Lydenburg District (P. A. Krantz); Woodbush Village, December (C. J. Swierstra); Shilouvane, August (H. A. Junod), in Mus. Coll.; Barberton, common during summer months (G. W. Jeffery); White River, November (A. G. Cook and A. T. Cooke); White River, fairly common (H. L. L. Feltham); Nelspruit (A. G. Cook); Waterval Onder, December (A. Ochse); Warmbaths (A. G. Cook and H. L. L. Feltham); Haenertsburg, February (A. G. Cook).

40. *Acraea violarum* Boisduval.

App. Voy. de Del. dans l'Afr. Austr., p. 591 (1847); Trimén, S. Afr. Buttfl., 1, p. 141 (1887); Aurivillius, Rhop. Aeth., p. 95 (1898).
Barberton, December (Gould); Pietpotgietersrust, November (G. H. Burn), in Mus. Coll.; Barberton, June-January, common (G. W. Jeffery); Nelspruit, November (A. T. Cooke).

41. *Acraea asema* Hewitson.

Ent. Mont. Mag., 14, p. 52 (1887); Trimen, Proc. Zool. Soc., 1894, p. 24, pl. 4, ff. 3, 36; Aurivillius, Rhop. Aeth., p. 95 (1898).

Krabbefontein, December (Dr. H. G. Breyer); Shilouvane, January, April, September (H. A. Junod), in Mus. Coll.; Shilouvane (H. A. Junod, teste H. L. L. Feltham).

42. *Acraea anacreon* Trimen.

Trans. Ent. Soc. Lond., 1868, p. 77, pl. 6, ff. 3-5; S. Afr. Buttfl., 1, p. 168 (1887); Aurivillius, Rhop. Aeth., p. 96 (1898).

Witpoortjekloof, near Krugersdorp, May (A. Ross); Roodepoort, April (H. L. L. Feltham); Waterval Onder, April (A. Ross); Barberton, December (Gould); Lydenburg (P. A. Krantz); Woodbush Village, December, common (C. J. Swierstra), in Mus. Coll.; Barberton, March and December (G. W. Jeffery); White River (A. G. Cook).

43. *Acraea acrita* Hewitson.

Exot. Buttfl., 3, pl. 3, f. 18 (1865); Trimen, S. Afr. Buttfl., 3, p. 381 (1889); Aurivillius, Rhop. Aeth., p. 96 (1898).

Komatipoort, December (Dr. H. G. Breyer), in Mus. Coll.; Komatipoort (A. T. Cooke, teste H. L. L. Feltham).

44. *Acraea nohara* Boisduval.

App. Voy. de Del. dans l'Afr. Austr., p. 590 (1847); Trimen, S. Afr. Buttfl., 1, p. 142 (1887); Aurivillius, Rhop. Aeth., p. 97 (1898).

Crocodilepoort (East), November (C. J. Swierstra); Barberton, February, April (Miss De Beer and Gould); Shilouvane, January, May, September (H. A. Junod); Woodbush Village, August (Dr. L. Gough); id., December (C. J. Swierstra), in Mus. Coll.; White River Settl., December (H. L. L. Feltham); Haenertsburg, February (A. G. Cook).

45. *Acraea stenobea* Wallengren.

Wien. Ent. Monatschr., 1860, p. 35; Trimen, S. Afr. Buttfl., 1, p. 153 (1887); Aurivillius, Rhop. Aeth., p. 98 (1898).

Waterberg District, December (R. v. Jutrzencka), in Mus. Coll.; Johannesburg, March; Weltevreden, October (A. G. Cook); Johannesburg, very scarce; Warmbaths, one specimen (H. L. L. Feltham).

46. *Acraea caldarena* Hewitson.

Ent. Mont. Mag., 14, p. 52 (1877); Trimen, S. Afr. Buttl., 1, p. 149 (1887); Aurivillius, Rhop. Aeth., p. 99 (1898).

Waterberg District, October, December (G. H. Burn); Lydenburg District (P. A. Krantz); Shilouvane, February, June, July, October, November (H. A. Junod), in Mus. Coll.; White River, November; Warmbaths, April; Buffelskloof No. 704, December (A. G. Cook); Johannesburg, two specimens (H. L. L. Feltham).

47. *Acraea aglaonice* Westwood.

App. Oates "Matabele Land," 1881, p. 346, pl. F, ff. 9, 10; Trimen, S. Afr. Buttl., 1, p. 151, pl. 3, f. 3 (1887); Aurivillius, Rhop. Aeth., p. 99 (1898).

Pretoria, May, June, August (C. J. Swierstra); Barberton, April (Miss De Beer); id., December (Gould); Komatipoort, December (Dr. H. G. Breyer); Lydenburg District (P. A. Krantz); Shilouvane, March, September (H. A. Junod), in Mus. Coll.; Johannesburg, May; White River, November (A. G. Cook, A. T. Cooke, and H. L. L. Feltham); Barberton, May, June, July, August (G. W. Jeffery); Warmbaths (H. L. L. Feltham).

48. *Acraea axina* Westwood.

Oates "Matabele Land," p. 344, pl. F, ff. 5, 6 (1881); Aurivillius, Rhop. Aeth., p. 99 (1898).

A. doubledayi, var. Trimen, S. Afr. Buttl., 1, p. 147 (1887).

Pretoria (Dr. H. G. Breyer); Waterberg District, November, December (G. H. Burn and R. v. Jutrzenka); Warmbaths, August (A. Ross); Shilouvane, July (H. A. Junod); Lydenburg District (P. A. Krantz); Crocodilepoort (East), November (C. J. Swierstra); Kaapmuiden, March (Rev. Tomlinson), in Mus. Coll.; Warmbaths (H. L. L. Feltham); id., January, April (A. G. Cook); Nelspruit, November, December (A. T. Cooke); Buffelskloof No. 704, December (A. G. Cook); White River Settl., November (A. G. Cook).

49. *Acraea oncaea* Hopffer.

Mon. Ak. Wiss. Berl., 1855, p. 640; Aurivillius, Rhop. Aeth., p. 100 (1898).

A. doubledayi Trimen, S. Afr. Buttl., 1, p. 147 (1887).

Pretoria District, April (C. J. Swierstra); Waterval Onder, December (Dr. H. G. Breyer); id., January (A. Ross); Komatipoort, December (Dr. H. G. Breyer); Lydenburg District (P. A. Krantz); Krabbefontein, December (Dr. H. G. Breyer); Shilouvane, March, July (H. A. Junod), in Mus. Coll.; Komatipoort, common (G. W. Jeffery); Warmbaths, Shilouvane (H. L. L. Feltham).

50. *Acraea natalica* Boisduval.

App. Voy. Deleg. dans l'Afr. Austr., p. 590 (1847); Trimen, S. Afr. Buttl., 1, p. 155 (1887); Aurivillius, Rhop. Aeth., p. 100 (1898).

Pretoria, February (C. J. Swierstra); Waterval Onder, December (Dr. H. G. Breyer); Barberton, March (Miss De Beer); id., December (Gould); Malalane, February (Gould), in Mus. Coll.; Johannesburg, January, February (A. G. Cook); id., April (A. Ochse); id. (H. L. L. Feltham); Barberton, fairly common (G. W. Jeffery).

51. *Acraea rahira* Boisduval.

Faune Ent. Madag., etc., p. 33, pl. 5, ff. 4, 5 (1833); Trim., S. Afr. Buttfl., 1, p. 166 (1887); Aurivillius, Rhop. Aeth., p. 103 (1898).

Pretoria, September, November (C. J. Swierstra); Johannesburg, January, April, November (A. Ross); Pietpotgietersrust, November (G. H. Burn); Woodbush Village, December (C. J. Swierstra); Crocodilepoort (East), November (C. J. Swierstra), in Mus. Coll.; Johannesburg, January, March (A. G. Cook); id. (H. L. L. Feltham); Buffelskloof No. 704, December (A. G. Cook); Warmbaths (H. L. L. Feltham).

52. *Acraea terpsichore rougeti* Guerin.

Aurivillius, Rhop. Aeth., p. 104 (1898).

A. rougeti Guer., Lefeb. Voy. Abyss., 6, p. 368, pl. 10, ff. 6, 7 (1849).

A. buxtoni Trimen, S. Afr. Buttfl., 1, p. 170 (1887).

Pretoria (Dr. H. G. Breyer); Lydenburg District (P. A. Krantz); Malalane, February (Gould); Barberton, February, December (Gould); id., April (Miss De Beer); Shilouvane, April, August, September (H. A. Junod), in Mus. Coll.; Johannesburg (H. L. L. Feltham); Buffelskloof, December; White River, November (A. G. Cook); Barberton District, fairly common (G. W. Jeffery).

53. *Acraea cabira natalensis* Staudinger.

Aurivillius, Rhop. Aeth., p. 106 (1898).

A. natalensis St., Iris, 9, p. 206 (1896).

A. cabira Trimen, S. Afr. Buttfl., 1, p. 173 (1887).

Krabbefontein, December (Dr. H. G. Breyer); Shilouvane, March, August (H. A. Junod); Barberton, February (Gould); id., March (Miss De Beer); Malalane, February (Gould), in Mus. Coll.; Barberton District, fairly common (G. W. Jeffery); Falls of Crocodile River East (H. L. L. Feltham).

54. *Acraea encedon* Linnaeus.

Syst. Nat., ed. 10, p. 488 (1758), Trimen, S. Afr. Buttfl., 1, p. 163 (1887); Aurivillius, Rhop. Aeth., p. 110 (1898).

Shilouvane, September (H. A. Junod); Lydenburg District (P. A. Krantz); Crocodilepoort (East), November (C. J. Swierstra); Barberton, December (Gould); id., April (Miss De Beer), in Mus. Coll.; Barberton District, local (G. W. Jeffery).

55. *Acraea esebria protea* Trimen.

Aurivillius, Rhop. Aeth., p. 115 (1898).

Planema esebria var. *A.* Trimen, S. Afr. Buttfl., 1, p. 178 (1887).

Acraea protea Trim., Rhop. Afr. Austr. 1, p. 110 (1866).

Barberton, March (Miss De Beer); id., December (Gould); Lydenburg District (P. A. Krantz); Shilouvane, May (H. A. Junod), in Mus. Coll.; Barberton District, common (G. W. Jeffery).

GENUS PLANEMA, *DOUBLEDAY*.

Gen. Diurn. Lep., 1, p. 140 (1848); Trimen, S. Afr. Buttl., 1, p. 175 (1887); Aurivillius, Rhop. Aeth., p. 117 (1898).

56. *Planema aganice* (Hewitson).

Trimen, S. Afr. Buttl., 1, p. 180 (1887); Aurivillius, Rhop. Aeth., p. 121 (1898).

Acraea aganice Hew. Exot. Buttl., 1, pl. 29, f. 6 (1852).

Shilouvane, January, March, May (H. A. Junod); Barberton, December (Gould), in Mus. Coll.; Barberton, fairly common (G. W. Jeffery); White River Settlement, December (H. L. L. Feltham).

SUB-FAMILY NYMPHALINAE. TRIBUS ARGYNNIDIDI.

GENUS LACHNOPTERA, *DOUBLEDAY*.

Gen. Diurn. Lep., 1, p. 161 (1848); Trimen, S. Afr. Buttl., 1, p. 195 (1887); Aurivillius, Rhop. Aeth., p. 124 (1898).

57. *Lachnoptera ayresi* Trimen.

Trans. Ent. Soc. Lond., 1879, p. 326; S. Afr. Buttl., 1, p. 196, pl. 3, ff. 5, 5a (1887); Aurivillius, Rhop. Aeth., p. 124 (1898).

Barberton, December (Gould); Shilouvane, April (H. A. Junod), in Mus. Coll.; Shilouvane (H. A. Junod), in H. L. L. Feltham's Coll.

GENUS ATELLA, *DOUBLEDAY*.

Gen. Diurn. Lep., 1, p. 165 (1848); Trimen, S. Afr. Buttl., p. 188 (1887); Aurivillius, Rhop. Aeth., p. 125 (1898).

58. *Atella columbina* (Cramer).

Trimen, S. Afr. Buttl., 1, p. 193 (1887); Aurivillius, Rhop. Aeth., p. 126 (1898).

Papilio columbina Cram., Pap. Exot., 3, p. 76, pl. 238, ff. A, B.

Pretoria, January (C. J. Swierstra); Waterberg District, December (R. v. Jutrzencka); Shilouvane, August (H. A. Junod); Waterval Onder, January (A. Ross); Barberton, December (Gould); id., March, April (Miss De Beer), in Mus. Coll.; "Not common at Barberton" (G. W. Jeffery).

59. *Atella phalantha* (Drury).

Trimen, S. Afr. Buttl., 1, p. 189 (1887); Aurivillius, Rhop. Aeth., p. 126 (1898).

Papilio phalantha Drury, Ill. Nat. Hist., 1, pl. 21, ff. 1, 2 (1770).

Fairly common throughout the Transvaal.

TRIBUS VANESSIDI.

GENUS HYPANARTIA, *KIRBY*.

Cat. D. Lep., p. 180 (1871); Aurivillius, Rhop. Aeth., p. 129 (1898).

Eurema Doubl., Trimen, S. Afr. Buttfl., 1, p. 203 (1887).

* 60. *Hypanartia schoeneia* (Trimen).

Aurivillius, Rhop. Aeth., p. 129 (1898).

Eurema schoeneia Trimen, Trans. Ent. Soc. Lond., 1879, p. 329; S. Afr. Buttfl., 1, p. 207, pl. 4, f. 1 (1887).

Barberton, January (W. L. Distant).

GENUS PYRAMEIS, *HÜBNER*.

Verz. Bek. Schmett., p. 33 (1816); Trimen, S. Afr. Buttfl., 1, p. 198 (1887); Aurivillius, Rhop. Aeth., p. 130 (1898).

61. *Pyrameis cardui* (Linnaeus).

Trimen, S. Afr. Buttfl., 1, p. 200 (1887); Aurivillius, Rhop. Aeth., p. 130 (1898).

Papilio cardui Linn., Syst. Nat., ed. 10, p. 475 (1758).

Common throughout the Transvaal.

GENUS PRECIS, *HÜBNER*.

Ver. Bek. Schmett., p. 33 (1816); Trimen, S. Afr. Buttfl., 1, p. 219 (1887); Aurivillius, Rhop. Aeth., p. 131 (1898).

62. *Precis orithya boöpis* (Trimen).

Junonia boöpis Trimen, Trans. Ent. Soc. Lond., 1879, p. 331; S. Afr. Buttfl., 1, p. 217, pl. 4, f. 2 (1887).

Precis orithya madagascariensis Guené, Aurivillius, Rhop. Aeth., p. 135 (1898).

All over the Transvaal, but nowhere plentiful.

63. *Precis clelia* (Cramer).

Aurivillius, Rhop. Aeth., p. 135 (1898).

Papilio clelia Cr., Pap. Exot., 1, pl. 21, ff. E, F (1779).

Junonia clelia (Cr.) Trimen, S. Afr. Buttfl., 1, p. 214 (1887).

Throughout the Transvaal; not very common.

64. *Precis oenone cebrene* (Trimen).

Aurivillius, Rhop. Aeth., p. 135 (1898).

Junonia cebrene Trimen, Trans. Ent. Soc., Lond., 1870, p. 353; S. Afr. Buttfl., 1, p. 210 (1887).

The commonest *Precis* in the Transvaal.

65. *Precis octavia natalensis* Staudinger.

Aurivillius, Rhop. Aeth., p. 136 (1898).

Precis natalensis Staud., Exot. Schmett., 1, p. 101 (1885).

P. octavia Trimen, S. Afr. Buttfl., 1, p. 229 (1887).

Johannesburg, February (A. Ross); Pretoria, January (C. J. Swierstra); Lydenburg District (P. A. Krantz); Barberton (Miss De Beer); Krabbefontein, December (Dr. H. G. Breyer); Shilouvane, December (H. A. Junod), in Mus. Coll.; Johannesburg, December and January (A. G. Cook), id. (H. L. L. Feltham); Auckland Park, March (A. Ochse); White River (A. T. Cooke); Barberton, fairly common (G. W. Jeffery).

66. *Precis octavia sesamus* Trimen.

Aurivillius, Rhop. Aeth., p. 137 (1898).

P. sesamus Tr., Ent. Soc. Loud., 1883, p. 347; S. Afr. Buttfl., 1, p. 231, pl. 4, f. 3.

Pretoria, March (C. J. Swierstra); Johannesburg, March (A. Ross); Lydenburg District (P. A. Krantz); Barberton, March (Gould); Woodbush Vill., August (Dr. L. Gough); Shilouvane, May, August (H. J. Junod), in Mus. Coll.; Johannesburg (H. L. L. Feltham), id., February to July (A. G. Cook); Auckland Park, March (A. Ochse); White River (A. T. Cooke); Barberton, common (G. W. Jeffery).

67. *Precis simia* Wallengren.

Lep. Rhop. Caffr., p. 26 (1857); Trimen, S. Afr. Buttfl., 1, p. 227 (1887); Aurivillius, Rhop. Aeth., p. 137 (1898).

Shilouvane, May (H. A. Junod), in Mus. Coll.

68. *Precis tukuoa* (Wallengren).

Lep. Rhop. Caffr., p. 25 (1857); Trimen, S. Afr. Buttfl., 1, p. 226 (1887); Aurivillius, Rhop. Aeth., p. 138 (1898).

Pretoria, March (C. J. Swierstra); Johannesburg, March and June (A. Ross); Lydenburg District (P. A. Krantz); Shilouvane, September (H. A. Junod), in Mus. Coll.; Johannesburg, Fountains Valley, and Warmbaths (H. L. L. Feltham); Auckland Park, March (A. Ochse); Witpoortje, January (A. G. Cook); White River (A. T. Cooke); Barberton, fairly common (G. W. Jeffery).

69. *Precis ceryne* (Boisduval).

Trimen, S. Afr. Buttfl., 1, p. 224 (1887); Aurivillius, Rhop. Aeth., p. 138 (1898).

Salamis ceryne Bsd., App. Voy. de Deleg., p. 592 (1847).

Wonderboom Poort, Pretoria District, February (C. J. Swierstra); Johannesburg, March (A. Ross); Barberton, December (Gould), in Mus. Coll.; Buffelskloof No. 704, Waterberg District, December (A. G. Cook); Johannesburg (H. L. L. Feltham).

70. *Precis milonia tugela* Trimen.

Aurivillius, Rhop. Aeth., p. 140 (1898).

Precis tugela Trimen, Trans. Ent. Soc. Lond., 1879, p. 334; S. Afr. Buttfl., 1, p. 241, pl. 4, f. 5 (1887).

Barberton, April (Miss De Beer); Shilouvane, May (H. A. Junod), in Mus. Coll.; Shilouvane (H. A. Junod, per H. L. L. Feltham).

71. *Precis archesia* (Cramer).

Trimen, S. Afr. Buttfl., 1, p. 234; Aurivillius, Rhop. Aeth., 1, p. 140 (1898).

Papilio archesia Cram., Pap. Exot., 3, p. 44, pl. 219, f. D, E (1779).

Pretoria, April (C. J. Swierstra); Johannesburg, March (A. Ross); Lydenburg District (P. A. Krantz); Barberton, March (Miss De Beer), in Mus. Coll.; Johannesburg (H. L. L. Feltham); id., March (A. Ochse); id., April (A. G. Cook); White River (A. T. Cooke); Barberton, March, May, June, July, fairly common (G. W. Jeffery).

72. *Precis archesia pelasgis* (Godart).

Aurivillius, Rhop. Aeth., p. 140 (1898).

Vanessa pelasgis Godt., Enc. Mett., 9, p. 820 (1823).

Precis pelasgis Trimen, S. Afr. Buttfl., 1, p. 236 (1887).

Pretoria, January (C. J. Swierstra); Johannesburg, February (A. Ross); Barberton, January, March (Miss De Beer); id., December (Gould); Shilouvane, January (H. A. Junod), in Mus. College; Pretoria, December (A. G. Cook); Johannesburg (H. L. L. Feltham); id., January (A. G. Cook); White River, A. T. Cooke).

73. *Precis terea elgiva* (Hewitson).

Aurivillius, Rhop. Aeth., p. 142 (1898).

Junonia elgiva Hew., Exot. Buttfl., 3, pl. 13, f. 1 (1864).

Precis elgiva Trimen, S. Afr. Buttfl., 1, p. 240 (1887).

Shilouvane, May (H. A. Junod); Malalane, Februarv (Gould), in Mus. Coll.; Nelspruit, May (A. T. Cooke); Barberton, seen but not taken (G. W. Jeffery).

74. *Precis natalica* Felder.

Wien. Ent. Monats., 4, p. 106 (1860); Trimen, S. Afr. Buttfl., 1, p. 238 (1887); Aurivillius, Rhop. Aeth., p. 142 (1898).

Shilouvane, July (H. A. Junod), in Mus. Coll.; Barberton, not common (G. W. Jeffery); Nelspruit (A. T. Cooke).

GENUS CATACTOPTERA, KARSCH.

Berl. Ent. Zeitschr., 39, p. 2 (1894); Aurivillius, Rhop. Aeth., p. 143 (1898).

75. *Catacroptera cloantha* (Cramer).

Aurivillius, Rhop. Aeth., p. 143 (1898).

Papilio cloantha Cram., Pap. Exot. 3, p. 93, pl. 338, ff. A, B (1782).

Precis cloantha Trim., S.A.B. I, p. 222 (1887).

Throughout the Transvaal, in some seasons very common.

GENUS SALAMIS, *BOISDUVAL*.

Faune Ent. de Mad., etc., p. 46 (1833).

Trimen, S. Afr. Buttfl., 1, p. 243 (1887).

Aurivillius, Rhop. Aeth., p. 144 (1898).

76. *Salamis ancardii parhassus* Drury.

Aurivillius, Rhop. Aeth., p. 145 (1898).

Papilio parhassus Dr., Ill. Nat. Hist., 3, pl. 4, ff. 1, 2 (1872).

Salamis ancardii Trim., S. Afr. Buttfl., 1, p. 244 (1887).

Lydenburg (P. A. Krantz); Barberton, March (Miss De Beer); Barberton, December (Gould); Shilouvane, April, May (H. A. Junod), in Mus. Coll.; Barberton District, common (G. W. Jeffery); White River, Nelspruit (A. T. Cooke and H. L. L. Feltham).

GENUS HYPOLIMNAS, *HÜBNER*.

Verz. Bek. Schmett., p. 45 (1816-26); Aurivillius, Rhop. Aeth., p. 146 (1898).

77. *Hypolimnas misippus* (Linnaeus).

Aurivillius, Rhop. Aeth., p. 147 (1898).

Papilio misippus Linn., Mus. Led. Utr. Reg., p. 264 (1764).

Diadema misippus Trim., S. Afr. Buttfl., 1, p. 277 (1887).

Throughout the Transvaal; fairly common.

78. *Hypolimnas misippus alcippoides* (Butler).

Aurivillius, Rhop. Aeth., p. 148 (1898).

H. alcippoides Butl., Ann. Mag. Nat. Hist. (5) 12, p. 102 (1883); Trim., S. Afr. Buttfl., 3, p. 404 (1898).

Pretoria (C. J. Swierstra), in Mus. Coll.; Johannesburg (H. L. L. Feltham); White River (A. T. Cooke).

79. *Hypolimnas misippus inaria* (Cramer).

Aurivillius, Rhop. Aeth., p. 148 (1898).

Papilio inaria Cram., Pap. Exot., 3, p. 36, pl. 214, ff. A, B (1779).

Diadema misippus var. inaria Trim., S. Afr. Buttfl., 1, p. 278 (1887).

Pretoria, February (Dr. L. Gough and C. J. Swierstra); Johannesburg, March (A. Ross), in Mus. Coll.; Johannesburg (H. L. L. Feltham), id., April (A. G. Cook).

80. *Hypolimnas dubius mimia* (Trimen).

Aurivillius, Rhop. Aeth., p. 150 (1898).

Diadema mimia Trimen, Trans. Ent. Soc., Lond., 26, p. 505, note (1869).

Euralia mimia, Trimen, S. Afr. Buttfl., 1, p. 284 (1887).

Barberton, April (Miss De Beer), id., December (Gould), in Mus. Coll.; Barberton, fairly common (G. W. Jeffery).

81. *Hypolimnas anthedon wahlbergi* (Wallengren).

Aurivillius, Rhop. Aeth., p. 151 (1898).

Diadema wahlbergi Wallgr., Lep. Rhop. Caffr., p. 27 (1857).

Euralia wahlbergi Trimen, S. Afr. Buttfl., 1, p. 282, pl. 6, f. 2 (1887).

Barberton, February, December (Gould), in Mus. Coll.; Barberton, fairly common (G. W. Jeffery).

TRIBUS EURYTELIDI.

GENUS EURYTELA, *BOISDUVAL*.

Faune Ent. de Madag., etc., p. 54 (1833); Trimen, S. Afr. Buttfl., 1, p. 256 (1887); Aurivillius, Rhop. Aeth., p. 153 (1898).

82. *Eurytela hiarbas angustata* Aurivillius.

Ent. Tidskr., 15, p. 278 (1894); Rhop. Aeth., p. 154 (1898).

Eurytela hiarbas Trimen, S. Afr. Buttfl., 1, p. 258 (1887).

Malalane, February (Gould); Barberton, January, December (Gould); Shilouvane, March (H. A. Junod), in Mus. Coll.; Barberton, common (G. W. Jeffery).

83. *Eurytela dryope angulata* Aurivillius.

Rhop. Aeth., p. 154 (1898).

Eurytela dryope Trimen, S. Afr. Buttfl., 1, p. 261 (1887).

Shilouvane, May (H. A. Junod), in Mus. Coll.; Barberton (G. W. Jeffery).

GENUS BYBLIA, *HÜBNER*.

Verz. Bek. Schmett., p. 28 (1816-26); Aurivillius, Rhop. Aeth., p. 157 (1898).

Hypanis Bsd., Trimen, S. Afr. Buttfl., 1, p. 263 (1887).

84. *Byblia ilithyia* (Drury).

Aurivillius, Rhop. Aeth., p. 158 (1898).

Papilio ilithyia Drury, Ill. Nat. Hist., 2, pl. 17, ff. 1, 2.

Hypanis ilithyia Trimen, S. Afr. Buttfl., 1, p. 264 (1887).

Pretoria, December (Dr. H. G. Breyer), id., February (C. J. Swierstra); Barberton, February, December (Gould); Kaapmuiden, March (Rev. Tomlinson); Shilouvane, March and April (H. A. Junod), in Mus. Coll.; Johannesburg, August (H. L. L. Feltham), id., March, April, May (A. G. Cook).

85. *Byblia götzius vulgaris* Staudinger.

Aurivillius, Rhop. Aeth., p. 159 (1898); Staud., Exot. Schmett., 1, p. 106 (1886).

Hypanis ilitiaria var. A. Trimen, S. Afr. Buttfl., 1, p. 266 (1887).

Lydenburg District (P. A. Krantz); Barberton, December (Gould), in Mus. Coll.; Johannesburg, May, and White River, December (H. L. L. Feltham).

GENUS CRENIS, *BOISDUVAL*.

Faune Ent. de Madag., etc., p. 48 (1833).

Trimen, S. Afr. Buttfl., 1, p. 248 (1887).

Aurivillius, Rhop. Aeth., p. 159 (1898).

* 86. *Crenis natalensis* Boisduval.

App. Voy. de Deleg., p. 592 (1847); Trimen S. Afr. Buttfl., 1, p. 250, pl. 5, f. 1 (1898); Aurivillius, Rhop. Aeth., p. 161 (1898).

Nelspruit (A. T. Cooke); Lydenburg District (T. Ayres, teste R. Trimen).

TRIBUS NEPTIDIDI.

GENUS NEPTIS, *FABRICIUS*.

Illiger's Magaz., 6, p. 282 (1807); Trimen S. Afr. Buttfl., 1, p. 268 (1887); Aurivillius, Rhop. Aeth., p. 163 (1898).

87. *Neptis saclava* Boisduval.

Faune Madag., p. 49 (1833); Aurivillius, Rhop. Aeth., p. 166 (1898).

Neptis marpessa Trimen, S. Afr. Buttfl., 1, p. 272 (1887).

Barberton, April (Miss De Beer); Shilouvane, May (H. A. Junod), in Mus. Coll.; Barberton, not common (G. W. Jeffery); White River and Nelspruit (A. T. Cooke); Orange Grove, near Johannesburg, one specimen (H. L. L. Feltham).

88. *Neptis agatha* (Stoll).

Trimen, S. Afr. Buttfl., 1, p. 270 (1887); Aurivillius, Rhop. Aeth., p. 167 (1898).

Papilio agatha Stoll, in Cramer's Pap. Exot., 4, p. 75, pl. 327, ff. A, B (1782).

Lydenburg District (P. A. Krantz); Malalane, February (Gould); Louws Creek, September (Dr. L. Gough); Barberton, March (Miss De Beer); Shilouvane, May-August (H. A. Junod), in Mus. Coll.; White River (A. T. Cooke); Barberton, fairly common (G. W. Jeffery); Nelspruit, November (A. G. Cook); Crocodile River, east (H. L. L. Feltham).

TRIBUS NYMPHALIDI.

GENUS PSEUDACRAEA, WESTWOOD.

Gen. Diurn. Lep., p. 281 (1850); Trimen, S. Afr. Buttfl., 1, p. 288 (1887); Aurivillius, Rhop. Aeth., p. 172 (1898).

89. *Pseudacraea boisduvali trimeni* Butler.

Aurivillius, Rhop. Aeth., 1, p. 176 (1898).

Ps. trimeni Butl., Ent. Mon. Mag., 11, p. 57 (1874); Trimen, S. Afr. Buttfl., 1, p. 296 (1887).

Malalane, February (Gould); Shilouvane (Junod), in Mus. Coll.

GENUS HAMANUMIDA, HÜBNER.

Verz. Bek. Schmett., p. 18 (1816); Trimen, S. Afr. Buttfl., 1, p. 307 (1887); Aurivillius, Rhop. Aeth., p. 181 (1898).

90. *Hamanumida daedalus* (Fabricius).

Trimen, S. Afr. Buttfl., 1, p. 309 (1887); Aurivillius, Rhop. Aeth., p. 181 (1898).

Papilio daedalus Fabr., Syst. Ent., p. 482 (1775).

Throughout the Transvaal, but common only in suitable localities.

GENUS CYMOTHOE, HÜBNER.

Ver. Bek. Schmett., p. 39 (1818-27); Aurivillius, Rhop. Aeth., p. 207 (1898).

Harma Westw., Trimen, S. Afr. Buttfl., 1, p. 310 (1887).

91. *Cymothoe alcimede* (Godart).

Aurivillius, Rhop. Aeth., p. 215 (1898).

Nymphalis alcimede Godt., Enc. Meth., 9, p. 384 (1819).

Harma alcimede Trimen, S. Afr. Buttfl., 1, p. 312 (1887).

Malalane, February (Gould), in Mus. Coll.; Lydenburg District (T. Ayres, teste Trimen).

TRIBUS CHARAXIDI.

GENUS CHARAXES, OCHSENHEIMER.

Schmett. Europ., 4, p. 18 (1816); Trimen, S. Afr. Buttfl., 1, p. 315 (1887); Auriv., Rhop. Aeth., p. 221 (1898).

92. *Charaxes brutus natalensis* Staudinger.

Exot. Schmett., 1, p. 169 (1886); Aurivillius, Rhop. Aeth., p. 231 (1898).

Ch. Brutus Trimen, S. Afr. Buttfl., 1, p. 335 (1887).

Barborton, March (Miss De Beer); Shilouvane (H. A. Junod), in Mus. Coll.; Barborton, not common (G. W. Jeffery); White River (A. T. Cooke).

93. *Charaxes pelias saturnus* Butler.

Aurivillius, Rhop. Aeth., p. 232 (1898).

Ch. saturnus Butl., Proc. Zool. Soc., 1865, p. 624, pl. 36, f. 1 (1866); Trimen, S. Afr. Buttfl., 1, p. 334 (1887).

Pretoria, February (H. G. Breyer and C. J. Swierstra); Waterberg District, January (R. v. Jutrencha); Shilouvane, May (H. A. Junod), in Mus. Coll.; Johannesburg, May (A. Ochse); Fountains, Pretoria, Warmbaths, common (H. L. L. Feltham); Warmbaths, April, Buffelskloof, December (A. G. Cook).

94. *Charaxes druceanus* Butler.

Cist. Ent., 1, p. 4, n. 1 (1869); Trimen, S. Afr. Buttfl., 1, p. 329 (1887); Aurivillius, Rhop. Aeth., p. 233 (1898).

Lydenburg District (P. A. Krantz); Shilouvane, May (H. A. Junod), in Mus. Coll.

95. *Charaxes achamenes* Felder.

Reise d. Novara, Lep. 3, p. 446, pl. 59, ff. 6, 7 (1867); Trimen, S. Afr. Buttfl., 1, p. 340 (1887); Aurivillius, Rhop. Aeth., p. 234 (1898).

Lydenburg District (P. A. Krantz); Malalane, February (Gould); Barberton, February (Miss De Beer); Shilouvane, September (H. A. Junod), in Mus. Coll.

96. *Charaxes etheocles chanleri* Holland.

Aurivillius, Rhop. Aeth., p. 237 (1898).

Ch. chanleri Holl., Proc. U.S. Nat. Mus., 18, p. 262 (1895).

Waterberg District (R. v. Jutrencha); Shilouvane, March, September, October (H. A. Junod), in Mus. Coll.; Warmbaths, April, Buffelskloof No. 704, December (A. G. Cook); Wonderboompoort, May (R. O. Basson).

* 97. *Charaxes ethalion* Boisduval.

App. Voy. de Deleg., p. 593 (1847); Trimen, S. Afr. Buttfl., 1, p. 342 (1887).

Ch. etheocles ethalion Aurivillius, Rhop. Aeth., p. 237 (1898).

Barberton, fairly common (G. W. Jeffery).

98. *Charaxes xiphares* (Cramer).

Trimen, S. Afr. Buttfl., 1, p. 346 (1887); Aurivillius, Rhop. Aeth., p. 239 (1898).

Papilio xiphares Cram., Pap. Exot. 4, p. 171, pl. 377, ff. A, B (1781).

Barberton, December (Gould), id., January (G. W. Jeffery), in Mus. Coll.

99. *Charaxes jahluca* (Trimen).

S. Afr. Buttfl., 1, p. 325 (1887); Aurivillius, Rhop. Aeth., p. 240 (1898).

Nymphalis jahluca Trimen, Rhop. Afr. Austr. 1, p. 177 (1862).

Waterberg District, December, January (R. v. Jutrzeneka), in Mus. Coll.; Warmbaths (H. L. L. Feltham); Buffelskloof No. 704, December (A. G. Cook).

* 100. *Charaxes candiope* (Godart).

Trimen, S. Afr. Buttfl., 1, p. 327, pl. 6, f. 4 (1887); Aurivillius, Rhop. Aeth., p. 240 (1898).

Nymphalis candiope Godt., Enc. Meth., 9, p. 353 (1819).

Limpopo River (F. C. Selous, teste Trimen); Wonderboompoort, May (R. O. Basson), in Mus. Coll.

101. *Charaxes varanes* (Cramer).

Trimen, S. Afr. Buttfl., 1, p. 321 (1887); Aurivillius, Rhop. Aeth., p. 241 (1898).

Papilio varanes Cram., Pap. Exot., 2, p. 100, pl. 160, ff. D, E (1719).

Barberton, December, February (Gould); Shilouvane, June (H. A. Junod), in Mus. Coll.; Barberton, fairly common (G. W. Jeffery); White River, Nelspruit (A. T. Cooke).

102. *Charaxes zoölina* (Westwood).

Trimen, S. Afr. Buttfl., 1, p. 318 (1887); Aurivillius, Rhop. Aeth., p. 243 (1898).

Nymphalis zoölina, Westw. Gen. Diurn. Lep., pl. 3, f. 1 (1850). Shilouvane (H. A. Junod), in Mus. Coll.

FAMILY LYCAENIDAE.

SUB-FAMILY LIPTENINAE.

GENUS ALAENA, *BOISDUVAL*.

Voy. de Deleg., 2, p. 591 (1847); Trimen, S. Afr. Buttfl., 2, p. 222 (1887); Aurivillius, Rhop. Aeth., p. 254 (1898).

103. *Alaena amazoula* Boisduval.

App. Voy. de Deleg. dans l'Afr. Austr., p. 591 (1847).

Trimen, S. Afr. Buttfl., 2, p. 223 (1887); Aurivillius, Rhop. Aeth., p. 255 (1898).

Shilouvane, April, March, November (H. A. Junod) Barberton, April (Miss De Beer), in Mus. Coll.; Barberton, common (G. W. Jeffery); Nelspruit (A. T. Cooke); near Warmbaths (H. L. L. Feltham).

GENUS D'URBANIA, TRIMEN.

Trans. Ent. Soc. Lond. (3), 1, p. 400 (1862); S. Afr. Buttl., 2, p. 213 (1887); Aurivillius, Rhop. Aeth., p. 264 (1898).

* 104. *D'Urbania amakosa* Trimen.

Trans. Ent. Soc. Lond. (3), 1, p. 401 (1862); S. Afr. Buttl., 2, p. 215 (1887); Aurivillius, Rhop. Aeth., p. 264 (1898).

Barberton, top of Rymers Creek, common (G. W. Jeffery); Lydenburg District (T. Ayres, teste Trimen).

* 105. *D'Urbania limbata* Trimen.

S. Afr. Buttl., 2, p. 217 (1887); Aurivillius, Rhop. Aeth., p. 265 (1898).

Transvaal (teste Aurivillius).

GENUS TERIOMIMA, KIRBY.

Ann. Mag. Nat. Hist., (5), 19, p. 363 (1887); Aurivillius, Rhop. Aeth., p. 270 (1898).

106. *Teriomima aslauga* (Trimen).

Aurivillius, Rhop. Aeth., p. 271 (1898).

Liptena aslauga Trimen, Tr. Ent. Soc. 1873, p. 117.

D'Urbania aslauga Trimen, S. Afr. Buttl., 2, p. 220; pl. 9, ff. 9, 9a (1887).

Moorddrift, Waterberg District, November (C. J. Swierstra), in Mus. Coll.

107. *Teriomima pallida* (Trimen).

Trans. Ent. Soc. Lond., 1898, p. 12, pl. 1, ff. 7, 8 (1898).

Aurivillius, Rhop. Aeth., p. 271 (1898).

Transvaal (Dr. H. G. Breyer), in Mus. Coll.

SUB-FAMILY LYCAENINAE.

GENUS LACHNOCNEMA, TRIMEN.

S. Afr. Buttl., 2, p. 233 (1887); Aurivillius, Rhop. Aeth., p. 301 (1898).

108. *Lachnocnema bibulus* (Fabricius).

Trimen, S. Afr. Buttl., 2, p. 235 (1887); Aurivillius, Rhop. Aeth., p. 301 (1898).

Moorddrift, Waterberg District, November (C. J. Swierstra); Woodbush Village, August (Dr. L. Gough), in Mus. Coll.; Crocodilepoort, Magaliesberg, and Warmbaths (H. L. L. Feltham); White River, all summer (A. T. Cooke); Komatipoort (G. W. Jeffery).

109. *Lachnocnema D'Urbania* Trimen.

S. Afr. Buttl., 2, p. 236 (1887); Aurivillius, Rhop. Aeth., p. 301 (1898).

Shilouvane, March (H. A. Junod), in Mus. Coll.; De Kroon No. 420, April (A. G. Cook).

GENUS DEUDORIX, HEWITSON.

Illustr. Diurn. Lep., p. 16 (1862); Trimen, S. Afr. Buttl., 2, p. 105 (1887); Aurivillius, Rhop. Aeth., p. 302 (1898).

110. *Deudorix licinia* (Mabille).

Trimen, S. Afr. Buttl., 2, p. 111 (1887); 3, p. 411 (1889); Aurivillius, Rhop. Aeth., p. 304 (1898).

Thecla licinia Mab., Grand., Hist. Phys., etc., de Madagascar, pl. 30a, ff. 5, 5a (1885).

Pretoria, June, September (C. J. Swierstra); id., September (Miss R. Leendertz); Shilouvane, August (H. A. Junod); Barberton (Jeffery), in Mus. Coll.; Johannesburg, Warmbaths, Crocodilepoort, and Magaliesberg (H. L. L. Feltham).

* 111. *Deudorix dinomenes* Smith.

Ann. Mag. Nat. Hist. (5), 19, p. 65 (1887); Trimen, S. Afr. Buttl., 3, p. 391 (1889); Aurivillius, Rhop. Aeth., p. 309 (1898).

Marico River (F. C. Selous, recorded by R. Trimen).

112. *Deudorix antalus* (Hopffer).

Trimen, S. Afr. Buttl., 2, p. 107 (1887); Aurivillius, Rhop. Aeth., p. 309 (1898).

Dipsas antalus Hopff., Mon. K. Ak. Wiss. Berl., p. 641 (1855).

Shilouvane, April, May, August (H. A. Junod), in Mus. Coll. and H. L. L. Feltham's Collection; Johannesburg (H. L. L. Feltham); id., July (A. G. Cook); Crocodile River, south of Magaliesberg (H. L. L. Feltham); De Kroon No. 420, March, and White River, November (A. G. Cook); Komatipoort, July and August (G. W. Jeffery); Potchefstroom (Ayres); Limpopo River (Selous, teste Trimen).

GENUS MYRINA, FABRICIUS.

Hliger's Mag., 4, p. 286 (1807); Trimen, S. Afr. Buttl., 2, p. 140 (1887); Aurivillius, Rhop. Aeth., p. 310 (1898).

113. *Myrina ficedula* Trimen.

Trans. Ent. Soc. Lond., p. 324 (1879); S. Afr. Buttl., 2, p. 141 (1887); Aurivillius, Rhop. Aeth., p. 310 (1898).

Pretoria, February (C. J. Swierstra); Johannesburg, March (A. Ross); Waterval Onder, December (Dr. H. G. Breyer and A. Ross); Lydenburg District (P. A. Krantz); Shilouvane, July, October (H. A. Junod), in Mus. Coll.; Johannesburg (H. L. L. Feltham); id., all summer (A. T. Cooke); White River (A. T. Cooke); Buffelskloof No. 704, December (A. G. Cook); Barberton, common (G. W. Jeffery).

GENUS HYPOLYCAENA, *FELDER*.

Wien. Ent. Mon., 4, p. 293 (1862); Trimen, S. Afr. Buttfl., 2, p. 114 (1887); Aurivillius, Rhop. Aeth., p. 313 (1898).

114. *Hypolycaena philippus* (Fabricius).

Trimen, S. Afr. Buttfl., 2, p. 118 (1887); Aurivillius, Rhop. Aeth., p. 316 (1898).

Hesperia philippus Fabr., Ent. Syst. (3), 1, p. 283 (1793).

Barberton, February, March (Miss De Beer); Shilouvane, April (H. A. Junod), in Mus. Coll.; Pretoria, April (W. L. Distant); Johannesburg, suburbs, January (A. Ochse); Warmbaths (H. L. L. Feltham); Buffelskloof, December, and Nelspruit, November (A. G. Cook); White River Settlement (H. L. L. Feltham); Barberton, common (G. W. Jeffery).

115. *Hypolycaena coeculus* (Hopffer).

Trimen, S. Afr. Buttfl., 2, p. 116 (1887); Aurivillius, Rhop. Aeth., p. 316 (1898).

Iolaus coeculus Hopff., Monats. d. K. Ak. Wiss. Berl., p. 642 (1855).

Waterval Onder, December, 1898 (Dr. H. G. Breyer); Crocodilepoort (East), November (C. J. Swierstra); Komatipoort (Jeffery); Shilouvane, December (H. A. Junod), in Mus. Coll.

GENUS STUGETA, *DRUCE*.

Ann. Mag. Nat. Hist. (6), 8, p. 140, 149 (1891); Aurivillius, Rhop. Aeth., p. 317 (1898).

116. *Stugeta bowkeri* (Trimen).

Aurivillius, Rhop. Aeth., p. 317 (1898).

Iolaus bowkeri Trimen, Trans. Ent. Soc. Lond., (3) 2, p. 176 (1864); S. Afr. Buttfl., 2, p. 132 (1887).

Yokskei River, October (A. Ross); Lydenburg District (P. A. Krantz); Barberton, January, December (Gould), in Mus. Coll.; Pretoria, January, February, and Warmbaths, December (W. L. Distant); Nelspruit, December, January (A. T. Cooke); Barberton, common (G. W. Jeffery).

GENUS IOLAUS, *HÜBNER*.

Verz. Bek. Schmett., p. 81 (1816); Trimen, S. Afr. Buttfl., 2, p. 125 (1887); Aurivillius, Rhop. Aeth., p. 318 (1898).

117. *Iolaus silas* Westwood.

Gen. Diurn. Lep., 2, p. 481, pl. 47, f. 5 (1852); Trimen, S. Afr. Buttfl., 2, p. 127 (1887); Aurivillius, Rhop. Aeth., p. 324 (1898).

Waterval Onder, December (Dr. H. G. Breyer); Shilouvane, April (H. A. Junod), in Mus. Coll.; Nelspruit (A. T. Cooke).

118. *Lolaus trimeni* Wallengren.

Ofv. K. Vet. Ak. Förh., p. 87 (1875); Trimen, S. Afr. Buttfl., 2, p. 129, pl. 7, f. 4 (1887); Aurivillius, Rhop. Aeth., p. 324 (1898).

Shilouvane, December (H. A. Junod), in Mus. Coll.; Pretoria, December (W. L. Distant); Vaal River (N. Person, teste Trimen); Warmbaths (H. L. L. Feltham), id., April; Buffelskloof, December (A. G. Cook); Nelspruit, November, December (A. T. Cooke); White River Settlement (H. L. L. Feltham).

119. *Lolaus alienus* Trimen.

Trans. Ent. Soc. Lond., 1898, p. 10, pl. 1, f. 6; Aurivillius, Rhop. Aeth., p. 325 (1898).

Shilouvane, October (H. A. Junod), in Mus. Coll.

* 120. *Lolaus ceres* (Hewitson).

Trimen, S. Afr. Buttfl., 2, p. 134 (1887); Aurivillius, Rhop. Aeth., p. 326 (1898).

Myrina ceres Hew., Ill. Diurn. Lep., p. 39, pl. 17, f. 63 (1865).
Barberton (G. W. Jeffery).

* 121. *Lolaus mimosae* Trimen.

Trans. Ent. Soc. Lond., 1874, p. 330, pl. 2, ff. 1, 2; S. Afr. Buttfl., 2, p. 135 (1887); Aurivillius, Rhop. Aeth., p. 326 (1898).

Limpopo River (F. C. Selous, teste Trimen); Noord Kaap, Barberton District, October (G. W. Jeffery).

122. *Lolaus pallene* (Wallengren).

Trimen, S. Afr. Buttfl., 2, p. 138 (1887); Aurivillius, Rhop. Aeth., p. 326 (1898).

Myrina pallene Willgr., Lep. Rhop. Caffr., p. 36 (1857).

Waterval Onder, December (Dr. H. G. Breyer); Barberton, February (Gould), in Mus. Coll.; Barberton, fairly common (G. W. Jeffery); Nelspruit, November, White River, November (A. G. Cook, A. T. Cooke, and H. L. L. Feltham); Warmbaths, January (A. G. Cook).

GENUS APHNAEUS, HÜBNER.

Verz. Bek. Schmett., p. 81 (1816); part, Trimen, S. Afr. Buttfl., 2, p. 146 (1887); Aurivillius, Rhop. Aeth., p. 327 (1898).

123. *Aphnaeus hutchinsoni* Trimen.

S. Afr. Buttfl., 2, p. 148 (1887); Aurivillius, Rhop. Aeth., p. 328 (1898).

Shilouvane, September (H. A. Junod), in Mus. Coll.; Eureka, near Barberton (C. F. Palmer, teste Trimen).

GENUS SPINDASIS, WALLENGREN.

Lep. Rhop. Caffr., p. 45 (1857); Aurivillius, Rhop. Aeth., p. 328 (1898).
 Aphnaeus Trimen, part, S. Afr. Buttfl., 2, p. 148 (1887).

124. *Spindasis phanis* (Trimen).

Aurivillius, Rhop. Aeth., p. 330 (1898).
 Aphnaeus phanis Trimen, Trans. Ent. Soc. Lond., 1873, p. 111, pl. 1, f. 4, 5; S. Afr. Buttfl., 2, p. 156 (1887).
 Waterberg District, November, December (R. v. Jutrzenka); Lydenburg District (P. A. Krantz); Shilouvane, September (H. A. Junod), in Mus. Coll.; Crocodile River, south of Magaliesberg, Warmbaths (H. L. L. Feltham); Buffelskloof No. 704, December, Warmbaths, January (A. G. Cook); Noord Kaap, Barberton District (G. W. Jeffery).

125. *Spindasis natalensis* (Hewitson).

Aurivillius, Rhop. Aeth., p. 331 (1898).
 Amblypodia natalensis Doubl. and Hew., Gen. Diurn. Lep., pl. 75, f. 4 (1852).
 Aphnaeus masilikazi Trimen, S. Afr. Buttfl., 2, p. 152 (1887).
 Fairly common during the summer months throughout the Transvaal.

126. *Spindasis mozambica* Bertoloni.

Aurivillius, Rhop. Aeth., p. 331 (1898).
 Aphnaeus natalensis Trimen, S. Afr. Buttfl., 2, p. 150 (1887).
 Common during summer in suitable localities throughout the Transvaal.

127. *Spindasis ella* (Hewitson).

Aurivillius, Rhop. Aeth., p. 332 (1898).
 Aphnaeus ella Hew., Ill. Diurn. Lep., p. 63, pl. 25, f. 6 (1865).
 Trimen, S. Afr. Buttfl., 2, p. 154 (1887).
 Pretoria, December (C. J. Swierstra); Barberton, February (Gould); Waterval Onder, December (A. Ross); Bandolier Kop, September (Dr. L. Gough); Shilouvane, April and September (H. A. Junod), in Mus. Coll.; Johannesburg (A. T. Cooke and H. L. L. Feltham); Warmbaths, January (A. G. Cook); Komatipoort (G. W. Jeffery); Potchefstroom (Morrant and Ayres); Marico and Limpopo River (Selous, teste R. Trimen).

GENUS CHLOROSELAS, BUTLER.

Proc. Zool. Soc., 1885, p. 765 (1886); Aurivillius, Rhop. Aeth., p. 333 (1898).
 Aphnaeus, part, Trimen, S. Afr. Buttfl., 2, p. 146 (1887).

* 128. *Chloroselas pseudozeritis* (Trimen).

Aurivillius, Rhop. Aeth., p. 333 (1898).
 Aphnaeus pseudozeritis Trimen, Trans. Ent. Soc., 1873, p. 113, pl. 1, f. 6; S. Afr. Buttfl., 2, p. 160 (1887).
 Warmbaths (H. L. L. Feltham).

GENUS AXIOCERCES, HÜBNER.

Verz. Bek. Schmett., p. 71 (1816); Aurivillius, Rhop. Aeth., p. 334 (1898).

Chrysorychia Trimen, S. Afr. Buttfl., 2, p. 161 (1887).

129. *Axiocerces harpax* (Fabricius).

Aurivillius, Rhop. Aeth., p. 335 (1898).

Papilio harpax F., Syst. Ent., p. 829 (1775).

Chrysorychia harpax Trimen, S. Afr. Buttfl., p. 162 (1887).

Common throughout the Transvaal.

130. *Axiocerces amanga* (Westwood).

Aurivillius, Rhop. Aeth., p. 335 (1898).

Zeritis amanga Westw., in Oates' Matabeleland, etc., p. 351 (1881).

Chrysorychia amanga Trimen, S. Afr. Buttfl., 2, p. 165, pl. 9, f. I (1887).

Louw's Creek, September (Dr. L. Gough); Barberton, April (Miss De Beer); Shilouvane, September (H. A. Junod), in Mus. Coll.; Pretoria, January, March (W. L. Distant); Crocodile River, south of Magaliesberg, Warmbaths (H. L. L. Feltham); Buffelskloof, December, Nelspruit, November (A. G. Cook); White River (H. L. L. Feltham); Barberton, fairly common (G. W. Jeffery).

GENUS LEPTOMYRINA, BUTLER.

Proc. Zool. Soc., 1898, p. 405; Aurivillius, Rhop. Aeth., p. 335 (1898).

Hypolycaena (part) Trimen, S. Afr. Buttfl., 2, p. 114 (1887).

* 131. *Leptomyrina hirundo* (Wallengren).

Aurivillius, Rhop. Aeth., p. 336 (1898).

Thecla hirundo Wlgr., Lep. Rhop. Caffr., p. 35 (1857).

Hypolycaena hirundo Trimen, S. Afr. Buttfl., 2, p. 121 (1887).

Barberton (G. W. Jeffery).

132. *Leptomyrina lara* (Linnaeus).

Aurivillius, Rhop. Aeth., p. 336 (1898).

Papilio lara Linn., Mus. Lud. Ulr., p. 320 (1764).

Hypolycaena lara Trimen, S. Afr. Buttfl., 2, p. 123 (1887).

Common during summer in suitable localities.

GENUS CAPYS, HEWITSON.

Ill. Diurn. Lep., p. 59 (1865); Trimen, S. Afr. Buttfl., 2, p. 112 (1887); Aurivillius, Rhop. Aeth., p. 337 (1898).

133. *Capys alphaeus* (Cramer).

Trimen, S. Afr. Buttfl., 2, p. 113 (1887); Aurivillius, Rhop. Aeth., p. 337 (1898).

Papilio alphaeus Cr., Pap. Exot., 2, p. 131, pl. 182, f. E, F (1779).

Shilouvane, March, April (H. A. Junod), in Mus. Coll., and also in H. L. L. Feltham's Coll.; Potchefstroom and Lydenburg Districts (T. Ayres, teste R. Trimen).

134. *Capys disjunctus* Trimen.

Trans. Ent. Soc. Lond., 1895, p. 190, pl. 5, ff. 5, 5a; Aurivillius, Rhop. Aeth., p. 337 (1898).

Johannesburg (A. Ross), in Mus. Coll.; also from Johannesburg (by A. G. Cook, A. T. Cooke, and H. L. L. Feltham); Barberton (R. Trimen).

GENUS ZERITIS, WESTWOOD.

Gen. Diurn. Lep., p. 500 (1852); Trimen, S. Afr. Buttfl., 2, p. 167 (1887).

Phasis, Aurivillius, Rhop. Aeth., p. 337 (1898).

* 135. *Zeritis aethon* Trimen.

S. Afr. Buttfl., 2, p. 176 (1887); Aurivillius, Rhop. Aeth., p. 340 (1898).

Lydenburg District (T. Ayres, teste R. Trimen).

* 136. *Zeritis malagrida* (Wallengren).

Trimen, S. Afr. Buttfl., 2, p. 194 (1887).

Cygaritis malagrida Wllgr., Lep. Rhop. Caffr., p. 43 (1857).

Phasis malagrida Aurivillius, Rhop. Aeth., p. 341 (1898).

Transvaal; no precise locality (teste R. Trimen).

137. *Zeritis aranda* (Wallengren).

Trimen, S. Afr. Buttfl., 2, p. 198 (1887).

Cygaritis aranda Wllgr., Lep. Rhop. Caffr., p. 43 (1857).

Phasis aranda Aurivillius, Rhop. Aeth., p. 341 (1898).

Pretoria, December (Dr. H. G. Breyer); Johannesburg, September, October, November (A. Ross); Potgietersrust, November (G. H. Burn); Barberton, January (Gould); Shilouvane, September (H. A. Junod), in Mus. Coll.; Johannesburg, October, December (H. L. L. Feltham); Weltevreden, December, Muldersdrift, November (A. G. Cook); Barberton, common (G. W. Jeffery); Potchefstroom and Lydenburg Districts (Ayres, teste R. Trimen).

138. *Zeritis thyra* (Linnaeus).

Trimen, S. Afr. Buttfl., 2, p. 195 (1887).

Papilio thyra Linn., Mus. Lud. Ulr. Reg., p. 329 (1764).

Phasis thyra Aurivillius, Rhop. Aeth., p. 342 (1898).

Shilouvane, January, May (H. A. Junod); Barberton, December (Gould), in Mus. Coll.; Johannesburg (H. L. L. Feltham); Pretoria, January, November (W. L. Distant); Lydenburg District (Ayres, teste R. Trimen).

139. *Zeritis dentatis* (Swierstra).

Ann. Transv. Mus., 1, p. 177 (1909).

Waterval Onder (Dr. G. H. Breyer), in Mus. Coll.; Johannesburg and Potchefstroom (H. L. L. Feltham).

140. *Zeritis almeida* (Felder).

Trimen, S. Afr. Buttl., 2, p. 200 (1887).

Nais almeida Feld., Verh. Zool. Bot. Gesell. Wien, 12, p. 478 (1779).

Phasis almeida Aurivillius, Rhop. Aeth., p. 342 (1898).

Pretoria District, September (C. J. Swierstra); Johannesburg. October, November (A. Ross), in Mus. Coll.; Potchefstroom (T. Ayres, teste R. Trimén); Johannesburg (H. L. L. Feltham); id., October, December (A. G. Cook); Weltevreden, October, Muldersdrift, November (A. G. Cook); Barberton (Dr. Rendall, teste W. L. Distant).

141. *Zeritis molomo* Trimén.

Trans. Ent. Soc. Lond., 1870, p. 373, pl. 6, f. 9; S. Afr. Buttl., 2, p. 205 (1887).

Phasis molomo Aurivillius, Rhop. Aeth., p. 342 (1898).

Johannesburg, October, Jukskei River, October (A. Ross); Potgietersrust, October, November (G. H. Burn), in Mus. Coll.; Johannesburg (H. L. L. Feltham); id., October, November, and Weltevreden, October (A. G. Cook); Barberton, fairly common (G. W. Jeffery).

142. *Zeritis damarensis* Trimén.

Proc. Zool. Soc. Lond., 1891, p. 90, pl. 9, f. 17.

Phasis damarensis Aurivillius, Rhop. Aeth., p. 342 (1898).

Wonderboompoort, February, Crocodilepoort (east), December (C. J. Swierstra), in Mus. Coll.

143. *Zeritis taikosama* (Wallengren).

Trimén, S. Afr. Buttl., 2, p. 203 (1887).

Cygaritis taikosama Wlgr., Lep. Rhop. Caffr., p. 43 (1857).

Phasis taikosama Aurivillius, Rhop. Aeth., p. 342 (1898).

Common throughout the Transvaal.

144. *Zeritis orthrus* Trimén.

Trans. Ent. Soc. Lond., 1874, p. 340, pl. 2, f. 10; S. Afr. Buttl., 2, p. 207 (1887).

Phasis orthrus Aurivillius, Rhop. Aeth., p. 342 (1898).

Pretoria, January, December (C. J. Swierstra and H. G. Breyer); Potgietersrust, November (G. H. Burn); Lydenburg District (P. A. Krantz), in Mus. Coll.; Warmbaths (H. L. L. Feltham); Ulundi, near Barberton (G. W. Jeffery).

145. *Zeritis leroma* (Wallengren).

Trimen, S. Afr. Buttl., 2, p. 169 (1887).

Arhopala ? leroma Wallengren, Lep. Rhop. Caffr., p. 42 (1857).

Phasis leroma Aurivillius, Rhop. Aeth., p. 343 (1898).

Fairly common during the summer in suitable localities throughout the Transvaal.

GENUS ARRUGIA, WALLENGREN.

Ofv. Vet. Ak. Forh., 29, p. 47 (1872); Trimen, S. Afr. Buttl., 2, p. 226 (1887); Aurivillius, Rhop. Aeth., p. 343 (1898).

* 146. *Arrugia protumnus* (Linnaeus).

Trimen, S. Afr. Buttl., 2, p. 228 (1887); Aurivillius, Rhop. Aeth., p. 343 (1898).

Papilio protumnus Linn., Mus. Lud. Ulr. Reg., p. 340 (1764).

Kalkfontein (Morant, teste R. Trimen).

147. *Arrugia basuto* Wallengren.

Lep. Rhop. Caffr., p. 46 (1857); Trimen, S. Afr. Buttl., 2, p. 345, pl. 9, ff. 8, 8a (1887); Aurivillius, Rhop. Aeth., p. 344 (1898).

Piensaars River (R. v. Jutrzenska); Waterval Onder, December (A. Ross); Barberton, February, December (Gould), in Mus. Coll.; Pretoria, December, Weltevreden, December, and Warmbaths, January (A. G. Cook); Johannesburg (H. L. L. Feltham); Barberton, common (G. W. Jeffery); Middelburg, November (W. L. Distant); Potchefstroom District (T. Ayres, teste R. Trimen).

GENUS LYCAENESTHES, MOORE.

Proc. Zool. Soc. Lond., 1865, p. 773 (1866); Trimen, S. Afr. Buttl., 2, p. 93 (1887); Aurivillius, Rhop. Aeth., p. 345 (1898).

148. *Lycaenesthes amarah* (Guérin).

Trimen, S. Afr. Buttl., 2, p. 94 (1887); Aurivillius, Rhop. Aeth., p. 347 (1898).

Polyomatus amarah Guér., Lefebv, Voy. Abyss, 6, p. 384, pl. 11, ff. 5, 6 (1847).

Throughout the Transvaal.

149. *Lycaenesthes ? minima* Trimen.

Trans. Ent. Soc., 1893, p. 135, pl. 8, f. 10; Auriv., Rhop. Aeth., p. 347 (1898).

Witpoortje, September (A. Ross), in Mus. Coll.

* 150. *Lycaenesthes otacilia* (Trimen).

S. Afr. Buttl., 2, p. 102, pl. 7, ff. 7, 8 (1887); Aurivillius, Rhop. Aeth., p. 348 (1898).

Lycaena otacilia Trimen, Trans. Ent. Soc., 1868, p. 90.

Fountains, Pretoria District, Crocodile River, south of Magaliesberg (H. L. L. Feltham); Warmbaths, April (A. G. Cook).

* 151. *Lycaenesthes neglecta* Trimen.

Trans. Ent. Soc., 1891, p. 175; 1893, p. 132, pl. 8, ff. 7, 8;
Aurivillius, Rhop. Aeth., p. 348 (1898).
Johannesburg and White River (H. L. L. Feltham).

152. *Lycaenesthes livida* Trimen.

Trans. Ent. Soc. Lond., 1881, p. 443; S. Afr. Buttfl., 2, p. 103,
pl. 7, ff. 7, 7a (1887); Aurivillius, Rhop. Aeth., p. 348 (1898).

Fountain Grove, Pretoria District (C. J. Swierstra); Johannesburg,
November, April (A. Ross); Shilouvane, April (H. A. Junod),
in Mus. Coll.; Buffelskloof, December (A. G. Cook); Warmbaths
(H. L. L. Feltham).

153. *Lycaenesthes liodes* Hewitson.

Trans. Ent. Soc., 1874, p. 349; Trimen, S. Afr. Buttfl., 2, p. 100
(1887); Aurivillius, Rhop. Aeth., p. 348 (1898).

Throughout the Transvaal, but not everywhere common.

GENUS LYCAENA, FABRICIUS.

Ill. Mag., 6, p. 285 (1807); Trimen, S. Afr. Buttfl., 2, p. 11
(1887).

Cupido Aurivillius, Rhop. Aeth., p. 353 (1898).

154. *Lycaena nubifer* Trimen.

Trans. Ent. Soc. Lond., 1895, p. 187, pl. 5, ff. 4, 4a.

Cupido nubifer Aurivillius, Rhop. Aeth., p. 359 (1898).

Fountain Grove, Pretoria District, October, November (C. J.
Swierstra); Johannesburg, November; Waterval Onder, December
(A. Ross); Barberton, December (Gould), in Mus. Coll.; Yokskei
River (H. L. L. Feltham).

155. *Lycaena lingeus* (Cramer).

Trimen, S. Afr. Buttfl., 2, p. 66 (1887).

Papilio lingeus Cr., Pap. Exot., 4, p. 176, pl. 379, ff. F, G
(1781).

Cupido lingeus Aurivillius, Rhop. Aeth., p. 360 (1898).

Throughout the Transvaal during the summer.

156. *Lycaena palemon* (Cramer).

Trimen, S. Afr. Buttfl., 2, p. 67 (1887).

Papilio palemon Cr., Pap. Exot., 4, p. 209, pl. 390, ff. E, F
(1782).

Johannesburg, December (A. Ross); Waterval Boven, December
(Dr. H. G. Breyer); Barberton, January (Gould), in Mus. Coll.;
Lydenburg District (T. Ayres, teste Trimen); Pretoria, May, October,
December (W. L. Distant); Barberton (G. W. Jeffery); Johannes-
burg, January, May, December (A. G. Cook); White River (A. T.
Cooke).

* 157. *Lycaena marshalli* (Butler).

Cacyreus marshalli Butl., Proc. Zool. Soc., 1897, p. 845, pl. 50, f. 5 (1898).

Cupido marshalli Aurivillius, Rhop. Aeth., p. 361 (1898).

Johannesburg (H. L. L. Feltham); Barberton (G. W. Jeffery).

158. *Lycaena sybaris* Hopffer.

Monatsb. K. Preuss. Ak. Wissensch., 1855, p. 642; Trimen, S. Afr. Buttl., 2, p. 85 (1887).

Cupido sybaris Aur., Rhop. Aeth., p. 362 (1898).

Throughout the Transvaal; fairly common during summer months.

159. *Lycaena hintza* Trimen.

Trans. Ent. Soc. Lond. (3), 2, p. 177 (1864); S. Afr. Buttl., 2, p. 79, pl. 8, ff. 1, 1a (1887).

Cupido hintza Aur., Rhop. Aeth., p. 363 (1898).

Throughout the Transvaal. Common during summer.

160. *Lycaena calice* Hopffer.

Mon. K. Preuss. Ak. Wissensch., 1855, p. 642; Trimen, S. Afr. Buttl., 2, p. 80 (1887).

Cupido calice Aur., Rhop. Aeth., p. 363 (1898).

Lydenburg District (P. A. Krantz); Barberton, December (Gould), in Mus. Coll.; Fountain Grove, Pretoria District, and Warmbaths (H. L. L. Feltham).

161. *Lycaena melaena* Trimen.

S. Afr. Buttl., 2, p. 82 (1887).

Cupido melaena Aur., Rhop. Aeth., p. 363 (1887).

Rooiplaas, Pretoria District, March (C. J. Swierstra); Malalane, February, and Barberton, December (Gould), in Mus. Coll.; Pretoria District, Warmbaths, White River (H. L. L. Feltham); De Kroon No. 420, March; Warmbaths, January, Buffelskloof, December, and Nelspruit, November (A. G. Cook); Komatipoort, August (G. W. Jeffery).

162. *Lycaena telicanus* (Lang).

Trimen, S. Afr. Buttl., 2, p. 69 (1887).

Papilio telicanus Lang. Verz. sein. Schmett., 2, p. 47 (1789).

Cupido telicanus plinius Auriv., Rhop. Aeth., p. 364 (1898).

Throughout the Transvaal. Common.

163. *Lycaena natalensis* Trimen.

S. Afr. Buttl., 2, p. 77 (1887).

Cupido sigillatus Auriv., Rhop. Aeth., p. 366 (1898).

Crocodilepoort East, November (C. J. Swierstra), in Mus. Coll.; Barberton District, common (G. W. Jeffery); White River, November (A. T. Cooke); Fountain Grove, Pretoria District, and Johannesburg (H. L. L. Feltham).

164. *Lycaena moriqua* Wallengren.

Lep. Rhop. Caffr., p. 39 (1857); Trimen, S. Afr. Buttfl., 2, p. 75, pl. 8, ff. 5, 5a (1887).

Cupido moriqua Auriv., Rhop. Aeth., p. 366 (1898).

Waterval Onder, January (A. Ross); Pretoria, February (C. J. Swierstra), in Mus. Coll.; Johannesburg (H. L. L. Feltham); id., January, November, Weltevreden, January, Buffelskloof, December, and Warmbaths, January (A. G. Cook); Barberton, January (G. W. Jeffery).

165. *Lycaena mirza* Plötz.

S.E.Z., 41, p. 203 (1880).

Lycaena moriqua var. Trimen, S. Afr. Buttfl., 2, p. 76 (1887).

Cupido mirza Auriv., Rhop. Aeth., p. 366 (1898).

Barberton, December (Gould), in Mus. Collection.

166. *Lycaena jesous* (Guérin).

Trimen, S. Afr. Buttfl., 2, p. 72 (1887).

Polyommatus jesous Guér., Lefebv. Voy. Abyss., 4, p. 383, pl. 11, ff. 3, 4 (1847).

Cupido jesous Auriv., Rhop. Aeth., p. 366 (1898).

Common throughout the Transvaal.

167. *Lycaena zena* Moore.

Proc. Zool. Soc. Lond., 1865, p. 505, pl. 31, f. 9.

Lycaena macalenga Trimen, Trans. Ent. Soc., 1870, p. 364, pl. 6, ff. 5, 6; S. Afr. Buttfl., 2, p. 74 (1887).

Cupido zena Auriv., Rhop. Aeth., p. 366 (1898).

Klip River, near Johannesburg, December (A. Ross), in Mus. Coll.; Warmbaths, December, Zoutpansberg, May (W. L. Distant); Johannesburg, rare (H. L. L. Feltham); Weltevreden, January, Buffelskloof, December (A. G. Cook).

168. *Lycaena sichelia* Wallengren.

Lep. Rhop. Caffr., p. 37 (1857); Trimen, S. Afr. Buttfl., 2, p. 61 (1887).

Cupido sichelia Auriv., Rhop. Aeth., p. 367 (1898).

Waterval Onder, December (Dr. H. G. Breyer); Barberton, December (Gould), in Mus. Coll.; Johannesburg, White River, and Nelspruit (H. L. L. Feltham); Weltevreden, December, Buffelskloof, December, and White River, November (A. G. Cook).

169. *Lycaena baetica* (Linnaeus).

Trimen, S. Afr. Buttfl., 2, p. 58 (1887).

Papilio baeticus Linn., Syst. Nat., ed. 12, p. 789 (1767).

Cupido baeticus Auriv., Rhop. Aeth., p. 367 (1898).

Common throughout the Transvaal.

* 170. *Lycaena notobia* Trimen.

Trans. Ent. Soc. Lond., 1868, p. 91; S. Afr. Buttfl., 2, p. 62, pl. 8, ff. 6, 6a (1887).

Cupido notoba Auriv., Rhop. Aeth., p. 368 (1898).

Potchefstroom (T. Ayres, teste R. Trimen).

* 171. *Lycaena barberae* Trimen.

Trans. Ent. Soc. Lond., 1868, p. 89, pl. 5, f. 7; S. Afr. Buttfl., 2, p. 56 (1887).

Cupido barberae Auriv., Rhop. Aeth., p. 369 (1898).

Warmbaths, April (A. G. Cook and H. L. L. Feltham); Barberton District (G. W. Jeffery).

* 172. *Lycaena methymna* Trimen.

Trans. Ent. Soc. Lond. (3), 1, p. 280 (1862); S. Afr. Buttfl., 2, p. 27 (1887).

Cupido methymna Auriv., Rhop. Aeth., p. 373 (1898).

Weltevreden, October (A. G. Cook).

173. *Lycaena puncticillia* Trimen.

Trans. Ent. Soc. Lond., 1883, p. 350; S. Afr. Buttfl., 2, p. 29, pl. 8, f. 4 (1887).

Cupido puncticillia Auriv., Rhop. Aeth., p. 373 (1898).

Klip River, Johannesburg, October, November (A. Ross), in Mus. Coll.

* 174. *Lycaena hypopolia* Trimen.

S. Afr. Buttfl., 2, p. 30 (1877).

Cupido hypopolia Auriv., Rhop. Aeth., p. 373 (1898).

Johannesburg, one example (H. L. L. Feltham); Weltevreden, October (A. G. Cook).

175. *Lycaena asopus* Hopffer.

Monatsb. K. Preuss. Akad. Wiss., p. 642 (1855); Peter's Reise Mossamb. Ins., p. 409, pl. 26, ff. 13-15 (1862).

Cupido malathana Auriv., Rhop. Aeth., p. 373 (1898).

Fairly common during the summer.

176. *Lycaena dolorosa* Trimen.

S. Afr. Buttfl., 2, p. 41 (1887).

Cupido dolorosus Auriv., Rhop. Aeth., p. 373 (1898).

Fairly common from September to February in suitable localities.

* 177. *Lycaena procerca* Trimen.

Trans. Ent. Soc., 1893, p. 125, pl. 8, ff. 3, 4.

Cupido procerus Auriv., Rhop. Aeth., p. 374 (1898).

White River, November (A. G. Cook and H. L. L. Feltham).

178. *Lycaena osiris* Hopffer.

Monatsb. K. Preuss, Akad. Wiss., 1855, p. 642.

Peter's Reise Mossamb. Ins., p. 409, pl. 26, ff. 11, 12 (1862).

Trimen, S. Afr. Buttf., p. 15, male, non-female (1887); Trans. Ent. Soc. Lond., 1893, p. 127.

Cupido osiris Auriv. Rhop. Aeth., p. 374 (1898).

Shilouvane (H. A. Junod); Lydenburg District (P. A. Krantz), in Mus. Coll.; Fountain Grove, Pretoria District, Johannesburg, and Shilouvane, per H. A. Junod (H. L. L. Feltham); Warmbaths, December (W. L. Distant); Barberton District (G. W. Jeffery); White River (A. T. Cooke).

* 179. *Lycaena barkeri* Trimen.

Trans. Ent. Soc. Lond., 1893, p. 129, pl. 8, ff. 5, 6.

Cupido barkeri Auriv., Rhop. Aeth., p. 374 (1898).

Lydenburg District (T. Ayres, teste R. Trimen); Komatipoort, July (G. W. Jeffery).

180. *Lycaena patricia* Trimen.

S. Afr. Buttf., 2, p. 20 (1887).

Cupido patricia Auriv., Rhop. Aeth., p. 374 (1898).

Common in suitable localities during summer months.

181. *Lycaena glauca* Trimen.

S. Afr. Buttf., 2, p. 21 (1887).

Cupido glauca Auriv., Rhop. Aeth., p. 375 (1898).

Waterberg District (R. v. Jutrencha); Rustenburg and Lydenburg Districts (P. A. Krantz); Waterval Onder, January (A. Ross), in Mus. Coll.; Pretoria, October, December (W. L. Distant); Marico and Limpopo River (Selous); Potchefstroom District (Ayres, teste Trimen); Buffelskloof, December (A. G. Cook); Venterskroon, White River (H. L. L. Feltham).

182. *Lycaena celaeus* (Cramer).

Papilio celaeus Cr., Pap. Exot., 4, p. 177, pl. 379, ff. K, K (1782).

Lycaena parsimon Trim., S. Afr. Buttf., 2, p. 18 (1887).

Cupido celaeus Auriv., Rhop. Aeth., p. 375 (1898).

Johannesburg, December (A. Ross); Rustenburg District (P. A. Krantz); Shilouvane, January, May, November (H. A. Junod), in Mus. Coll.; Pretoria, December (W. L. Distant), id., December; Johannesburg, February, December, and White River, November (A. G. Cook); Venterskroon, Johannesburg south (H. L. L. Feltham); Potchefstroom (Morant and Ayres, teste R. Trimen).

183. *Lycaena jefferyi* Swierstra.

Ann. Trans. Museum, p. 176 (1909).

Ulundi, October, and Noord Kaap, Barberton District (G. W. Jeffery).

184. *Lycaena mahallokoena* Wallengren.

Lep. Rhop. Caffr., p. 41 (1857); Trimen, S. Afr. Buttfl., 2, p. 44 (1887); Trans. Ent. Soc. Lond., 1870, p. 366, pl. 4, ff. 7, 8.
 Cupido mahallokoena Auriv., Rhop. Aeth., p. 376 (1898).
 Common throughout Transvaal.

185. *Lycaena trochilus* Freyer.

Neuere Beitr. Schmett., 5, p. 98, pl. 440, f. 1 (1844).
 Trimen, S. Afr. Buttfl., 2, p. 52 (1887).
 Cupido trochilus Auriv., Rhop. Aeth., p. 376 (1898).
 Fairly common.

186. *Lycaena ignota* Trimen.

S. Afr. Buttfl., 2, p. 39 (1887).
 Cupido ignotus Auriv., Rhop. Aeth., p. 376 (1898).
 Klip River, October (A. Ross); Potgietersrust, November (G. H. Burn), in Mus. Coll.; Johannesburg (H. L. L. Feltham); Weltevreden, October, Muldersdrift, November (A. G. Cook); Ulundi, Barberton District (G. W. Jeffery); Potchefstroom and Lydenburg District (T. Ayres, teste R. Trimen).

* 187. *Lycaena tantalus* Trimen.

S. Afr. Buttfl., 2, p. 38 (1887).
 Cupido tantalus Auriv., Rhop. Aeth., p. 376 (1898).
 Barberton (G. W. Jeffery); Johannesburg (A. T. Cooke, teste H. L. L. Feltham).

188. *Lycaena hippocrates* (Fabricius).

Trimen, S. Afr. Buttfl., 2, p. 35 (1887).
 Hesperia hippocrates F., Ent. Syst., 3, p. 288 (1793).
 Cupido hippocrates Auriv., Rhop. Aeth., p. 376 (1898).
 Shilouvane, August (H. A. Junod), in Mus. Coll.; White River, November (A. G. Cook); id., December, January (A. T. Cooke); Nelspruit (H. L. L. Feltham); id., November (A. G. Cook); Barberton, fairly common (G. W. Jeffery).

189. *Lycaena cissus* (Godart).

Trimen, S. Afr. Buttfl., 2, p. 31 (1887).
 Polyommatus cissus God., Enc. Meth., 9, p. 683 (1819).
 Cupido cissus Auriv., Rhop. Aeth., p. 377 (1898).
 Common throughout the Transvaal, October to April.

190. *Lycaena jobates* Hopffer.

Monatsb. K. Preuss. Ak. Wissensch., 1855, p. 642; Peter's Reise Mossamb. Ins., p. 408, pl. 26, ff. 9, 10 (1862).
 Trimen, S. Afr. Buttfl., 2, p. 33 (1887).
 Cupido iobates Auriv., Rhop. Aeth., p. 377 (1898).

Komatipoort (Jeffery), in Mus. Coll.; Johannesburg (H. L. L. Feltham and A. T. Cooke); Crocodile River, south of Magaliesberg (H. L. L. Feltham); Weltevreden, March, and De Kroon, March (A. G. Cook); Potchefstroom District (T. Ayres, teste R. Trimen); Barberton District, common (G. W. Jeffery).

191. *Lycaena niobe* Trimen.

Trans. Ent. Soc. Lond., (3) 1, p. 282 (1862); S. Afr. Buttl., 2, p. 36 (1887).

Cupido niobe Auriv., Rhop. Aeth., p. 378 (1898).

Eastern Transvaal (G. W. Jeffery), in Mus. Coll.; Potchefstroom (T. Ayres, teste R. Trimen); White River (H. L. L. Feltham); Barberton, fairly common (G. W. Jeffery).

192. *Lycaena antanossa* Mabille.

Ann. Ent. France, (5) 7, Bull., p. 72 (1877); Trimen, Trans. Ent. Soc., 1891, p. 173.

Cupido antanossa Auriv., Rhop. Aeth., p. 378 (1898).

Waterval Onder, April (A. Ross); Barberton, December (Gould), in Mus. Coll.

193. *Lycaena gaika* Trimen.

Trans. Ent. Soc., (3) 1, p. 403 (1862); S. Afr. Buttl., 2, p. 50 (1887).

Cupido gaika Auriv., Rhop. Aeth., p. 378 (1898).

Generally distributed over the Transvaal, but does not seem to occur very plentiful.

194. *Lycaena lysimon* Hübner.

Trimen, S. Afr. Buttl., 2, p. 45 (1887).

Papilio lysimon Hübn., Samml. Europ. Schmett., ff. 534-35 (1798-1803).

Cupido lysimon Auriv., Rhop. Aeth., p. 379 (1898).

All over the Transvaal, in some places very common.

195. *Lycaena lucida* Trimen.

Trans. Ent. Soc. Lond., 1883, p. 348; S. Afr. Buttl., 2, p. 47 (1887).

Cupido lucida Auriv., Rhop. Aeth., p. 379 (1898).

An abundant species all over the Transvaal.

GENUS HEODES, DALMAN.

Vetensk. Akad. Handl., 37, p. 63, 91 (1816); Auriv. Rhop. Aeth., p. 382 (1898).

Chrysophanus Trimen, S. Afr. Buttl., 2, p. 90 (1887).

196. *Heodes orus* (Cramer).

Auriv., Rhop. Aeth., p. 383 (1898).

Papilio orus Cr., Pap. Exot., 4, p. 84, pl. 332, ff. E, F (1780).

Chrysophanus orus Trimen, S. Afr. Buttfl., 2, p. 91 (1887).

Pretoria, January, May (C. J. Swierstra); Johannesburg, October, November (A. Ross), in Mus. Coll.; Johannesburg (H. L. L. Feltham); id., January, March, December, and Pretoria, August (A. G. Cook); Potchefstroom District (T. Ayres, teste R. Trimen).

FAMILY PIERIDAE.

GENUS *PONTIA*, *BOISDUVAL*.

Spec. Gen. Lep. 1, p. 430 (1836); Trimen, S. Afr. Buttfl., 3, p. 7 (1889).

Leptosia Auriv., Rhop. Aeth., p. 386 (1898).

197. *Pontia alcesta* (Cramer).

Trimen, S. Afr. Buttfl., 3, p. 8 (1889).

Papilio alcesta Cram., Pap. Exot., 4, p. 175, pl. 379, f. A (1781).

Leptosia alcesta Auriv., Rhop. Aeth., p. 387 (1898).

Lydenburg District (P. A. Krantz); Shilouvane, July (H. A. Junod), in Mus. Coll.

GENUS *HERPAENIA*, *BUTLER*.

Cist. Ent., 1, p. 52 (1872); Trimen, S. Afr. Buttfl., 3, p. 76 (1889); *Auriv.*, Rhop. Aeth., p. 388 (1898).

198. *Herpaenia eriphia* (Godart).

Trimen, S. Afr. Buttfl., 3, p. 77 (1889); *Auriv.*, Rhop. Aeth., p. 389 (1898).

Pieris eriphia God., Enc. Meth., 9, p. 157 (1819).

Fairly common throughout the Transvaal during summer months.

199. *Herpaenia eriphia nyassae* Lang.

Iris, 9, p. 123 (1896); *Auriv.*, Rhop. Aeth., p. 389 (1898).

Herpaenia eriphia var. A. Trimen, S. Afr. Buttfl., 3, p. 78 (1889).

Lydenburg District (P. A. Krantz); Wonderboompoort, July (Mrs. C. J. Swierstra), in Mus. Coll.

GENUS *MYLOTHRIS*, *BUTLER*.

Cist. Ent., 1, p. 42 (1870); Trimen, S. Afr. Buttfl., 3, p. 28 (1889); *Auriv.*, Rhop. Aeth., p. 389 (1898).

200. *Mylothris agathina* (Cramer).

Trimen, S. Afr. Buttl., 3, p. 30 (1889); Auriv., Rhop. Aeth., p. 394 (1898).

Papilio agathina Cr., Pap. Exot., 3, p. 76, pl. 237, f. D, E (1779).

All over the Transvaal, but seems only to be common in suitable localities; for instance, near very sheltered kloofs.

201. *Mylothris rüppeli* (Koch).

Trimen, S. Afr. Buttl., 3, p. 34, pl. 10, ff. 3, 3a (1889).

Aurivillius, Rhop. Aeth., p. 394 (1898).

Pieris rüppeli Koch, Indo-Austr. Lep. Faune, p. 88 (1865).

Shilouvane, March (H. A. Junod), in Mus. Coll. Also one specimen from the same locality and collector in H. L. L. Feltham's collection. Barberton, fairly common (G. W. Jeffery).

GENUS APPIAS, HÜBNER.

Verz., p. 91 (1862); Auriv., Rhop. Aeth., p. 396 (1898).

Pierus, part, Trimen, S. Afr. Buttl., 3, p. 37 (1889).

* 202. *Appias epaphia* (Cramer).

Aurivillius, Rhop. Aeth., p. 399 (1898).

Papilio epaphia Cr., Pap. Exot., 3, p. 26, pl. 207, ff. D, E (1779).

Pieris saba Trim., S. Afr. Buttl., 3, p. 40 (1889).

Eureka District (teste, W. L. Distant).

GENUS PIERIS, SCHRANK.

Fauna Boica, 2, 1, p. 152 (1801); part, Trimen, S. Afr. Buttl., 3, p. 37 (1889); Auriv., Rhop. Aeth., p. 400 (1898).

203. *Pieris gidica* Godart.

Enc. Meth., 9, p. 131 (1819); Trimen, S. Afr. Buttl., 3, p. 64, pl. 11, f. 1 (1889); Auriv., Rhop. Aeth., p. 406 (1898).

Waterval Onder, December (A. Ross); Komatipoort, December (Dr. H. G. Breyer), in Mus. Coll.; Johannesburg, March (A. Ochse); Nelspruit, December (H. L. L. Feltham); Eureka District (W. L. Distant); Barberton (G. W. Jeffery).

204. *Pieris gidica abyssinica* Lucas.

Auriv., Rhop. Aeth., p. 406 (1898).

Pieris abyssinica Luc., Rev. et. Mag. Zool. (2), 4, p. 328 (1852); Trimen, S. Afr. Buttl., 3, p. 66 (1889).

Blyde River, Lydenburg District, September (P. A. Krantz), in Mus. Coll.; Barberton (G. W. Jeffery).

205. *Pieris severina* (Cramer).

Trimen, S. Afr. Buttl., 3, p. 68 (1889); Auriv., Rhop. Aeth., p. 406 (1898).

Papilio severina Cr., Pap. Exot., 4, p. 95, pl. 338, ff. G, H (1781).

Common in almost every part of the Transvaal.

206. *Pieris mesentina* (Cramer).

Trimen, S. Afr. Buttl., 3, p. 59 (1889); Auriv., Rhop. Aeth., p. 407 (1898).

Papilio mesentina Cr., Pap. Exot., 3, p. 140, pl. 270, ff. A, B (1780).

Common generally.

207. *Pieris zochalia* Boisduval.

Spec. Gen. Lep., 1, p. 506 (1836); Trimmen, S. Afr. Buttl., 3, p. 57 (1889); Auriv., Rhop. Aeth., p. 408 (1898).

Although generally distributed, it does not seem to occur where trees are absent, preferring the so-called "broken veld."

208. *Pieris thysa* Hopffer.

Mon. K. Ak. Wiss. Berl., 1855, p. 639; Trimmen, S. Afr. Buttl., 3, p. 44 (1889); Auriv., Rhop. Aeth., p. 409 (1898).

Krabbefontein, December (Dr. H. G. Breyer), in Mus. Coll.; Barberton (G. W. Jeffery).

209. *Pieris pigea* Boisduval.

Spec. Gen. Lep., 1, p. 523 (1836); Trimmen, S. Afr. Buttl., 3, p. 46, pl. 10, ff. 5, 5a (1889); Auriv., Rhop. Aeth., p. 412 (1898).

Barberton, April (Miss L. de Beer); id., November (Gould); Louw's Creek, September (Dr. L. Gough), in Mus. Coll.; Potchefstroom District (T. Ayres, teste R. Trimmen); Noordkaap, December (G. W. Jeffery).

210. *Pieris pigea alba* Wallengren.

Auriv., Rhop. Aeth., p. 412 (1898).

Pinacopteryx alba Wallgr., Lep. Rhop. Caffr., p. 10 (1857).

Pieris alba Trimmen, S. Afr. Buttl., 3, p. 48 (1889).

Shilouvane, July (H. A. Junod), in Mus. Coll.

211. *Pieris simana* Hopffer.

Mon. K. Ak. Wiss. Berl., 1855, p. 640; Trimmen, S. Afr. Buttl., 3, p. 50 (1889); Auriv., Rhop. Aeth., p. 412 (1898).

Barberton, December (Gould).

212. *Pieris hellica* Linnaeus.

Trimmen, S. Afr. Buttl., 3, p. 73 (1889).

Papilio hellica L., Syst. Nat., 1, 2, p. 760 (1767).

Pieris hellica Auriv., Rhop. Aeth., p. 414 (1898).

Common everywhere.

GENUS TERACOLUS, SWAINSON

Zool. Illustr., (2) 3, text to pl. 115 (1833); Trimen, S. Afr. Buttl., 3, p. 80 (1889); Aurivillius, Rhop. Aeth., p. 415 (1898).

213. *Teracolus amatus calais* (Cramer).

Auriv., Rhop. Aeth., p. 422 (1898).

Papilio calais Cr., Pap. Exot., 1, p. 84, pl. 53, ff. C, D (1775).

Komatipoort, December (Dr. H. G. Breyer), in Mus. Coll.

214. *Teracolus vesta mutans* Butler.

Auriv., Rhop. Aeth., p. 425 (1898).

Teracolus mutans Butl., Ann. Mag. Nat. Hist., (4) 19, p. 459 (1877).

Teracolus vesta Trimen, S. Afr. Buttl., 3, p. 160 (1889).

Shilouvane (H. A. Junod); Barberton, December (Gould); id., April (Miss L. de Beer); Crocodile Poort, east, November (C. J. Swierstra), in Mus. Coll.; Nelspruit, October (A. T. Cooke); id., November (A. G. Cook); id., December (H. L. L. Feltham).

215. *Teracolus vesta argillaceus* Butler.

Auriv., Rhop. Aeth., 1898, p. 425.

Teracolus argillaceus Butl., Ann. Mag. Nat. Hist., 4 (19), p. 459 (1877); Trimen, S. Afr. Buttl., 3, p. 161 (1889).

Blyde River, Lydenburg District, September (P. A. Krantz); Potgietersrust, November (G. H. Burn); Shilouvane, May (H. A. Junod), in Mus. Coll.

216. *Teracolus celimene* (Lucas).

Trimen, S. Afr. Buttl., 3, p. 157 (1889); Auriv., Rhop. Aeth., p. 427 (1898).

Anthocharis celimene Luc., Rev. et Mag. Zool., (2) 4, p. 426 (1852).

Lydenburg District (P. A. Krantz), in Mus. Coll.; Limpopo River and Marico River (Selous, teste R. Trimen); Pretoria, November (W. L. Distant).

217. *Teracolus eris* (Klug).

Trimen, S. Afr. Buttl., 3, p. 93 (1889); Aurivillius, Rhop. Aeth., p. 427 (1898).

Pontia eris Kl., Synb. Phys., pl. 6, ff. 15, 16 (1829).

Recorded from most parts of the Transvaal, but only common in the warmer parts.

218. *Teracolus erone jobina* Butler.

Auriv., Rhop. Aeth., p. 428 (1898).

Euchlœ jobina Butl., Cist. Ent., 1, p. 14 (1869).

Teracolus jobina Trimen, S. Afr. Buttl., 3, p. 107 (1889).

Lydenburg District (P. A. Krantz), in Mus. Coll.

219. *Teracolus ione difficilis* Sharpe.

Teracolus difficilis Sharpe, Monogr. of the Gen. *Teracolus*, p. 58 (1900).

Shilouvane, December (H. A. Junod), in Mus. Coll.

220. *Teracolus ione phlegyas* Butler..

Auriv., Rhop. Aeth., p. 429 (1898).

Anthocharis phlegyas Butl., Proc. Zool. Soc. Lond., 1865, p. 431, pl. 25, ff. 3, 3a.

Teracolus phlegyas Trimen, S. Afr. Buttfl., 3, p. 109 (1889).

Komatipoort, December (Dr. H. G. Breyer), id. (G. W. Jeffery); Barberton, January (Gould); Waterberg District, January, February (R. v. Jutrencha), in Mus. Coll.

221. *Teracolus regina* (Trimen).

S. Afr. Buttfl., 3, p. 111 (1889); Auriv., Rhop. Aeth., p. 430 (1898).

Anthocharis regina Trim., Tr. Ent. Soc. Lond., (3) 1, p. 520 (1865).

Lydenburg District and Rustenburg District (P. A. Krantz), in Mus. Coll.; Marico and Limpopo Rivers (Selous and Erickson); Lydenburg District (T. Ayres, teste R. Trimen); Warmbaths (H. L. L. Feltham); White River (A. T. Cooke); Komatipoort (G. W. Jeffery).

222. *Teracolus annae* (Wallengren).

Trimen, S. Afr. Buttfl., 3, p. 114 (1889); Auriv., Rhop. Aeth., p. 431 (1898).

Thestias annae Wllgr., Lep. Rhop. Caffr., p. 16 (1857).

Lydenburg District (P. A. Krantz); Barberton, December (Gould), in Mus. Coll.; Johannesburg (A. T. Cooke), Venterskroon, Shilouvane, and White River Settlement (H. L. L. Feltham); Limpopo River and Marico River (Selous and Erickson, teste R. Trimen).

223. *Teracolus annae wallengreni* Butler.

Auriv., Rhop. Aeth., p. 431 (1898).

Teracolus wallengrenii Butl., Proc. Zool. Soc., 1876, p. 157; Trimen, S. Afr. Buttfl., 3, p. 118 (1889).

Komatipoort (G. W. Jeffery), in Mus. Coll.; Marico River (Selous); Lydenburg District (T. Ayres, teste R. Trimen); Barberton (Gould); Shilouvane, per H. A. Junod (H. L. L. Feltham).

224. *Teracolus omphale* (Godart).

Trimen, S. Afr. Buttfl., 3, p. 142 (1889); Auriv., Rhop. Aeth., p. 433 (1898).

Pieris omphale Godt., Enc. Meth., 9, p. 122 (1819).

Johannesburg, February (A. Ross); Crocodilepoort East, November (C. J. Swierstra); Barberton, February (Miss L. de Beer); id., December, and Malalane, February (Gould), in Mus. Coll.; Johannesburg, February, December (A. G. Cook), id., not plentiful; Crocodile River, south of the Magaliesberg, Warmbaths, and White River Settlement (H. L. L. Feltham); White River (A. T. Cooke).

225. *Teracolus omphale omphaloides* Butler.

Auriv., Rhop. Aeth., p. 434 (1898).

Teracolus omphaloides Butl., Proc. Zool. Soc., 1876, p. 151 (1876).

Teracolus omphale var. A. Trimen, S. Afr. Buttl., 3, p. 144 (1889).

Johannesburg, May (A. Ross).

226. *Teracolus omphale theogone* (Boisduval).

Auriv., Rhop. Aeth., p. 434 (1898).

Anthocharis theogone Bsd., Sp. Gen. Lep., p. 575 (1836).

Teracolus theogone Trimen, S. Afr. Buttl., 3, p. 145 (1889).

Pretoria (Dr. H. G. Breyer); Lydenburg District (P. A. Krantz); Shilouvane, August (H. A. Junod), in Mus. Coll.; Johannesburg, April, May (A. G. Cook); Potchefstroom and Lydenburg District (T. Ayres) and Barberton (Cloete, teste Trimen).

227. *Teracolus achine* (Cramer).

Trimen, S. Afr. Buttl., 3, p. 131 (1889); Auriv., Rhop. Aeth., p. 436 (1898).

Papilio achine Cram., Pap. Exot., 4, p. 94, pl. 338, ff. E. F.

Fairly common all over the Transvaal.

228. *Teracolus achine gavis* (Wallengren).

Auriv., Rhop. Aeth., p. 436 (1898).

Anthocharis gavis Wllgr., Lep. Rhop. Caffr., p. 13 (1857).

Teracolus gavis Trimen, S. Afr. Buttl., 3, p. 134 (1889).

Lydenburg District (P. A. Krantz); Malalane, February, and Barberton, December (Gould); Krabbefontein, December (Dr. H. G. Breyer), in Mus. Coll.; Johannesburg, February (A. Ochse); White River Settlement (H. L. L. Feltham); Limpopo River and Marico River (Erickson, teste R. Trimen).

229. *Teracolus ithonus* Butler.

Auriv., Rhop. Aeth., p. 437 (1898).

Teracolus ithonus Butl., Proc. Zool. Soc., 1876, p. 146, pl. 6, f. 8.

Lydenburg District, 1896 (P. A. Krantz); Pienaars River (R. v. Jutrencha), in Mus. Coll.

230. *Teracolus simplex* Butler.

Proc. Zool. Soc., 1876, p. 148; Auriv., Rhop. Aeth., p. 437 (1898); Trimen, S. Afr. Buttl., 3, p. 130 (1889).

Louw's Creek, September (Dr. L. Gough); Shilouvane, September (H. A. Junod); Johannesburg, August (A. Ross), in Mus. Coll.; Warmbaths (H. L. L. Feltham).

231. *Teracolus evenina* (Wallengren).

Trimen, S. Afr. Buttl., 3, p. 126 (1889); Auriv., Rhop. Aeth., p. 438 (1898).

Anthopsyche evenina Wllgr., Lep. Rhop. Caffr., p. 12 (1857).

Fairly common throughout the Transvaal.

232. *Teracolus evenina deidamioides* (Aurivillius).

Auriv., Rhop. Aeth., p. 438 (1898).

Callosune deidamioides Auriv., K. Sv. Vet. Akad.

Forhandl, 1879, p. 45.

Teracolus evenina var. A. Trimen, S. Afr. Buttfl., 3, p. 126 (1889).

Louw's Creek, September (Dr. L. Gough); Pienaars River (R. v. Jutrzencka; Komatipoort (G. W. Jeffery); Johannesburg (A. Ross), in Mus. Coll.; Warmbaths (H. L. L. Feltham); Potchefstroom and Lydenburg District (Morant and Ayres, teste Trimen).

233. *Teracolus agoye* (Wallengren).

Trimen, S. Afr. Buttfl., 3, p. 98 (1889); Auriv., Rhop. Aeth., p. 439 (1898).

Anthopsyche agoye Wllgr., Lep. Rhop. Caffr., 15 (1857).

Lydenburg District (P. A. Krantz); Waterberg District (R. v. Jutrzencka), in Mus. Coll.; Pienaars River, March (W. L. Distant); Komatipoort (G. W. Jeffery); Warmbaths (H. L. L. Feltham); Marico and Limpopo Rivers (Selous, teste Trimen).

234. *Teracolus bowkeri* Trimen.

Trans. Ent. Soc. Lond., 1883, p. 358; S. Afr. Buttfl., 3, p. 100, pl. 11, f. 4.

Teracolus agoye bowkeri Auriv., Rhop. Aeth., p. 439 (1898).

Johannesburg, November (A. Ross), in Mus. Coll.; Roodepoort, Melville, and Potchefstroom (H. L. L. Feltham).

235. *Teracolus antigone* (Boisduval).

Trimen, S. Afr. Buttfl., 3, p. 148 (1889); Auriv., Rhop. Aeth., p. 440 (1898).

Anthocharis antigone Bsd., Sp. Gen. Lep., 1, p. 572 (1836).

Recorded from most parts of the Transvaal.

236. *Teracolus antigone phlegetonia* (Boisduval).

Auriv., Rhop. Aeth., p. 440 (1898).

Anthocharis phlegetonia Bsd., Sp. Gen. Lep., 1, 576 (1836).

Teracolus phlegetonia Trimen, S. Afr. Buttfl., 3, p. 151 (1889).

Lydenburg District (P. A. Krantz); Komatipoort, December (Dr. H. G. Breyer); Waterberg District, January, Pienaars River, December (R. v. Jutrzencka), in Mus. Coll.; Marico and Limpopo Rivers (Selous, teste Trimen); Warmbaths (H. L. L. Feltham); Pretoria, October (W. L. Distant).

237. *Teracolus auxo* (Lucas).

Trimen, S. Afr. Buttfl., 3, p. 120 (1889); Auriv., Rhop. Aeth., p. 442 (1898).

Anthocharis auxo Luc., Rev. et Mag. Zool., 1852, p. 422.

Lydenburg District (P. A. Krantz); Shilouvane, April (H. A. Junod); Krabbefontein, December (Dr. H. G. Breyer), in Mus. Coll.; Limpopo River and Marico River (Selous, teste Trimen); Pienaars River (R. v. Jutrzencka, teste W. L. Distant); Barberton (G. W. Jeffery).

238. *Teracolus subfasciatus* Swainson.

Zool. Illustr., (2) 3, pl. 115 (1833); Trimen, S. Afr. Buttl., 3, p. 92 (1889); Auriv., Rhop. Aeth., p. 443 (1898).

Recorded from most parts of the Transvaal, but does not seem to be common in any one locality.

GENUS ERONIA, BOISDUVAL.

Sp. Gen. Lep., 1, p. 604 (1836); Trimen, S. Afr. Buttl., 3, p. 169 (1889); Auriv., Rhop. Aeth., p. 444 (1898).

239. *Eronia cleodora* Hübner.

Samml. Exot. Schmett., 2, p. 130 (1822-1836); Trimen, S. Afr. Buttl., 3, p. 171 (1889); Auriv., Rhop. Aeth., p. 445 (1898).

Malalane, February, and Barberton, December (Gould), in Mus. Coll.; Nel River (H. L. L. Feltham); Barberton District (G. W. Jeffery).

240. *Eronia leda* (Boisduval).

Trimen, S. Afr. Buttl., 3, p. 174 (1889); Auriv., Rhop. Aeth., p. 446 (1898).

Dryas leda Bsd., App. Voy. Del. Afr. Austr., p. 588 (1847).

Louw's Creek, September (Dr. L. Gough); Shilouvane (H. A. Junod), in Mus. Coll.; Lydenburg District (R. v. Jutrzenka, teste W. L. Distant); Barberton District (G. W. Jeffery).

241. *Eronia thalassina* (Boisduval).

Auriv., Rhop. Aeth., p. 447 (1898).

Pieris thalassina Bsd., Spec. Gen. Lep., 1, p. 443 (1836).

Blyde River, Lydenburg District, July (H. A. Junod), in Mus. Coll.

* 242. *Eronia buqueti* (Boisduval).

Trimen, S. Afr. Buttl., 3, p. 177 (1889); Auriv., Rhop. Aeth., p. 447 (1898).

Callidryas buqueti Bsd., Sp. Gen. Lep., 1, p. 607 (1836).

Recorded by R. Trimen from the Transvaal; also from Barberton District by G. W. Jeffery.

GENUS CATOPSILIA, HÜBNER.

Verz. Bek. Schmett., p. 98 (1826); Auriv., Rhop. Aeth., p. 448 (1898).

Callidryas Trimen, S. Afr. Buttl., 3, p. 182 (1889).

243. *Catopsilia florella* (Fabricius).

Auriv., Rhop. Aeth., p. 449 (1898).

Papilio florella Fabr., Syst. Ent., p. 479 (1775).

Callidryas florella Trimen, S. Afr. Buttl., 3, p. 185 (1889).

Common everywhere.

GENUS TERIAS, SWAINSON.

Zool. Illustr., text to pl. 22 (1820-21); Trimen, S. Afr. Buttfl., 3, p. 10 (1889); Auriv., Rhop. Aeth., p. 450 (1898).

244. *Terias senegalensis* Boisduval.

Spec. Gen. Lep., 1, p. 672 (1836); Auriv., Rhop. Aeth., p. 451 (1898).

Terias butleri Trimen, S. Afr. Buttfl., 3, p. 23 (1889).

Barberton, January, December (Gould), in Mus. Coll.; Buffelskloof, December (A. G. Cook).

245. *Terias senegalensis bisinuata* Butler.

Auriv., Rhop. Aeth., p. 451 (1898).

Terias bisinuata Butl., Ann. Mag. Nat. Hist., (4) 18, p. 485 (1876).

Terias aethiopica Trimen, S. Afr. Buttfl., 3, p. 121 (1889).

Shilouvane, May, September (H. A. Junod); Barberton, December (Gould), in Mus. Coll.

246. *Terias floricola* (Boisduval).

Faune Ent. Madag., etc., p. 21 (1883); Trimen, S. Afr. Buttfl., 3, p. 19 (1889); Auriv., Rhop. Aeth., p. 452 (1898).

Lydenburg District (P. A. Krantz); Shilouvane, September, October (H. A. Junod), in Mus. Coll.; White River (A. T. Cooke and H. L. L. Feltham).

247. *Terias desjardinsii regularis* Butler.

Auriv., Rhop. Aeth., p. 452 (1898).

Terias regularis Butl., Ann. Mag. Nat. Hist., (4) 18, p. 486 (1876); Trimen, S. Afr. Buttfl., 3, p. 26 (1889).

Barberton, January (Gould); Shilouvane, March (H. A. Junod), in Mus. Coll.

248. *Terias desjardinsii marshalli* Butler.

Auriv., Rhop. Aeth., p. 453 (1898).

Terias marshalli Butl., Ann. Mag. Nat. Hist., (7) 1, p. 62 (1898).

Terias desjardinsii Trimen, S. Afr. Buttfl., 3, p. 24 (1889).

Shilouvane, May, April, June (H. A. Junod); Louw's Creek, September (Dr. L. Gough); Waterval Onder, April (A. Ross), in Mus. Coll.; Lydenburg District (Ayres and Ortlepp, teste Trimen); Barberton (G. W. Jeffery).

249. *Terias brigitta* (Cramer).

Trimen, S. Afr. Buttfl., 3, p. 14 (1889); Auriv., Rhop. Aeth., p. 453 (1898).

Papilio brigitta Cr., Pap. Exot., p. 82, pl. 311, ff. B, C (1780).

Fairly common during the dry months.

250. *Terias brigitta zoë* Hopffer.

Mon. K. Ak. Wissensch. Berl., 1855, p. 640; Trimen, S. Afr. Buttl., 3, p. 16 (1889); Auriv., Rhop. Aeth., p. 453 (1898).

Common during the summer months.

GENUS COLIAS, *FABRICIUS*.

Illiger's Mag., 6, p. 284 (1807); Trimen, S. Afr. Buttl., 3, p. 163 (1889); Auriv., Rhop. Aeth., p. 454 (1898).

251. *Colias electra* (Linnaeus).

Trimen, S. Afr. Buttl., 3, p. 165 (1889).

Papilio electra Linn., Syst. Nat. edit., 12, p. 764 (1767).

Colias electo Auriv., Rhop. Aeth., p. 455 (1898).

Common throughout the Transvaal.

FAMILY PAPILIONIDAE.

GENUS PAPILIO, *LINNAEUS*.

Syst. Nat. edit., 10, p. 448 (1758); Trimen, S. Afr. Buttl., 3, p. 194 (1889); Auriv., Rhop. Aeth., p. 457 (1898).

252. *Papilio cenea* Stoll.

Suppl. Cramer's Pap. Exot., p. 134, pl. 29, ff. 1, 1a (1791).

Trimen, S. Afr. Buttl., 3, p. 243 (1889); Auriv., Rhop. Aeth., p. 465 (1898).

Shilouvane, May (H. A. Junod); Barberton, December (Gould), in Mus. Coll.; Barberton (G. W. Jeffery).

253. *Papilio echerioides* Trimen.

Trans. Ent. Soc. Lond., 1868, p. 72, pl. 6, ff. 1, 2.

S. Afr. Buttl., 3, p. 255 (1889); Auriv., Rhop. Aeth., p. 468 (1898).

Lydenburg District (P. A. Krantz); Shilouvane (H. A. Junod); Waterval Onder, January (A. Ross); Malalane, February, and Barberton, December (Gould), in Mus. Coll.

254. *Papilio euphranor* Trimen.

Trans. Ent. Soc. Lond., 1868, p. 70, pl. 5, ff. 1, 2; S. Afr. Buttl., 3, p. 235 (1889); Auriv., Rhop. Aeth., p. 471 (1898).

Malalane, February (Gould), in Mus. Coll.; Lydenburg District (T. Ayres, teste R. Trimen).

255. *Papilio constantinus* Ward.

Ent. M. Mag., 8, p. 34 (1871); Trimen, S. Afr. Buttl., 3, p. 232 (1889); Auriv., Rhop. Aeth., p. 472 (1898).

Lydenburg District (P. A. Krantz); Barberton, December (Gould), in Mus. Coll.; Nelspruit, November (A. G. Cook, A. T. Cooke, and H. L. L. Feltham); Barberton (G. W. Jeffery); Lydenburg District (T. Ayres, teste R. Trimen).

256. *Papilio nireus lyaeus* Doubleday.

Auriv., Rhop. Aeth., p. 476 (1898).

Papilio lyaeus Doubl., Ann. Nat. Hist., 16, p. 178 (1845); Trimen, S. Afr. Buttfl., 3, p. 237 (1889).

Rustenburg District (C. J. Swierstra); Waterval Onder, December (A. Ross); Barberton, December (Gould), in Mus. Coll.; Johannesburg, November (A. G. Cook and H. L. L. Feltham); Nelspruit and White River Settlement (A. T. Cooke).

257. *Papilio demoleus* Linnaeus.

Mus. Lud. Ulr. Reg., p. 214 (1764); Trimen, S. Afr. Buttfl., 3, p. 223 (1889).

Papilio demodocus Auriv., Rhop. Aeth., p. 479 (1898).
Common during summer.

258. *Papilio menestheus ophidicephalus* Oberthur.

Auriv., Rhop. Aeth., p. 479 (1898).

Pap. ophidicephalus Obert., Ent. d'ent., 3, p. 13 (1878); Trimen, S. Afr. Buttfl., 3, p. 229 (1889).

Barberton, December, and Malalaue, February (Gould); Lydenburg District (P. A. Krantz), in Mus. Coll.; Barberton, fairly common (Jeffery); Lydenburg District (T. Ayres, teste R. Trimen).

259. *Papilio corinneus* Bertolini.

Mem. Acad. Sci. Bologn., 1849, p. 9, pl. 1, ff. 1-3; Trimen, S. Afr. Buttfl., 3, p. 217 (1889).

Papilio pylades angolensis Auriv., Rhop. Aeth., p. 481 (1898).

Fairly common during summer in the warmer parts of the Transvaal.

260. *Papilio leonidas* Fabricius.

Ent. Syst., 3, 1, p. 35 (1793); Trimen, S. Afr. Buttfl., 3, p. 211 (1889); Auriv., Rhop. Aeth., p. 487 (1898).

Shilouvane, September (H. A. Junod); Barberton, December (Gould); id., March (G. W. Jeffery), in Mus. Coll.; White River (H. L. L. Feltham).

* 261. *Papilio antheus* Cramer.

Papilio Exot., 3, 71, pl. 234, ff. B, C (1779); Trimen, S. Afr. Buttfl., 3, p. 205 (1889); Auriv., Rhop. Aeth., p. 489 (1898).

Barberton, December (G. W. Jeffery).

* 262. *Papilio porthaon* Hewitson.

Exot. Buttfl. Pap., pl. 7, ff. 21, 22 (1865); Trimen, S. Afr. Buttfl., 3, p. 207 (1889); Auriv., Rhop. Aeth., 491 (1898).

Barberton, December (G. W. Jeffery).

FAMILY HESPERIDAE.

SUB-FAMILY HESPERINAE.

GENUS SARANGESA, MOORE.

Holland, Proc. Zool. Soc., 1896, 1, p. 4.

Pterygospidea, part, Trimen, S. Afr. Buttfl., 3, p. 351 (1889).

263. *Sarangesa djaelaelae* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 4.

Pterygospidea djaelaelae Willgr., Lep. Rhop. Caffr., p. 54 (1857);
Trimen, S. Afr. Buttfl., 3, p. 354, pl. 12, f. 7 (1889).

Generally distributed.

264. *Sarangesa motozi* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 7.

Pterygospidea motozi, Willgr., Lep. Rhop. Caffr., p. 53 (1857);
Trimen, S. Afr. Buttfl., 3, p. 356 (1889).

Shilouvane, May (H. A. Junod), in Mus. Coll.; Pretoria and
Barberton (W. L. Distant); Upper Limpopo (Selous, teste R.
Trimen); Nelspruit, November (A. G. Cook); Barberton (G. W.
Jeffery).

265. *Sarangesa motozioides* Holland.

Ann. Mag. Nat. Hist., (6) 10, p. 288 (1892); Ent. News, January
1894, pl. 1, f. 5, female; Proc. Zool. Soc. Lond., 1896, 1, p. 7.

Barberton, December (Gould), in Mus. Coll.

* 266. *Sarangesa pertusa* (Mabille).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 8.

Sape pertusa Mab., C. R. Soc. Ent. Belg., 1891, p. 68.
Transvaal (teste Mabille).

* 267. *Sarangesa bouvieri* (Mabille).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 8.

Pterygospidea bouvieri Mab., Bull. Soc. Zool. France, 1877,
p. 239.

Sarangesa motozioides Holl., Ent. News, January, 1894, pl. 1,
f. 4, male.

Johannesburg, Warmbaths, and White River (H. L. L.
Feltham).

268. *Sarangesa kobela* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 11.

Nisoniades kobela Tr., Trans. Ent. Soc. Lond., (3) 2, p. 180
(1864).

Pterygospidea kobela, S. Afr. Buttfl., 3, p. 353 (1889).

Malalane, February (Gould), in Mus. Coll.; Lydenburg District
(T. Ayres, teste R. Trimen); Barberton (G. W. Jeffery); id., January
(W. L. Distant).

GENUS CELOENORRHINUS, HÜBNER.

Holland, Proc. Zool. Soc., 1896, 1, p. 12.

Pterygospidea, part, Trimen, S. Afr. Buttfl., 3, p. 351 (1889).

269. *Celoenorrhinus mokeezi* (Wallengren).

Holland, Proc. Zool. Soc., 1896, 1, p. 15.

Pterygospidea mokeezi, Willgr., Lep. Rhop. Caffr., p. 54 (1857); Trimen, S. Afr. Buttfl., 3, p. 358 (1889).

Barberton, March (Miss L. de Beer); id., January (Gould); Shilouvane, March (H. A. Junod), in Mus. Coll.; Lydenburg District (T. Ayres, teste R. Trimen); Shilouvane, per H. A. Junod (H. L. L. Feltham).

GENUS TAGIADES, HÜBNER.

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 16.

Pterygospidea, part, Trimen, S. Afr. Buttfl., 3, p. 351 (1889).

270. *Tagiades fesus* (Fabricius).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 16.

Papilio fesus Fabr., Spec. Ins., 2, p. 135 (1871).

Pterygospidea fesus Trim., S. Afr. Buttfl., 3, p. 363 (1889).

Shilouvane, May (H. A. Junod); Barberton, February (Gould and G. W. Jeffery), in Mus. Coll.; Nelspruit (A. T. Cooke).

GENUS EAGRIS, GUENÉ.

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 17.

Pterygospidea, part, Trimen, S. Afr. Buttfl., 3, p. 351 (1889).

* 271. *Eagris nottoana* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 18.

Pterygospidea nottoana Willgr., Lep. Rhop. Caffr., p. 54 (1857); Trimen, S. Afr. Buttfl., 3, p. 360 (1889).

Nelspruit (A. T. Cooke).

GENUS CAPRONA, WALLENGREN.

Lep. Rhop. Caffr., p. 51 (1857); Trimen, S. Afr. Buttfl., 3, p. 346 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 19.

272. *Caprona pillaana* Wallengren.

Lep. Rhop. Caffr., p. 51 (1857); Trimen, S. Afr. Buttfl., 3, p. 348, pl. 12, ff. 6, 6a (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 19.

Lydenburg District, 1896 (P. A. Krantz), in Mus. Coll.; Barberton District (G. W. Jeffery); Warmbaths, January (A. G. Cook).

273. *Caprona canopus* Trimen.

Trans. Ent. Soc. Lond., (3) 2, p. 180 (1864); S. Afr. Buttfl., 3, p. 349 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 19.

Shilouvane, April and October (H. A. Junod), in Mus. Coll.; Potchefstroom District (T. Ayres, teste R. Trimen).

GENUS ABANTIS, HOPFFER.

Mon. K. Ak. Wissensch. Berl., 1855, p. 643; Trimen, S. Afr. Buttfl., 3, p. 335 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 20.

274. *Abantis tettensis* Hopffer.

Mon. K. Ak. Wiss. Berl., 1855, p. 643; Trimen, S. Afr. Buttfl., 3, p. 337 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 20.

Piensaars River, February (R. v. Jutrzencka), in Mus. Coll.; Warmbaths, December (W. L. Distant).

275. *Abantis paradisea* (Butler).

Trimen, S. Afr. Buttfl., 3, p. 342 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 20.

Leucochitonea paradisea Butl., Tr. Ent. Soc. Lond., 1870, p. 499.

Shilouvane, May, September (H. A. Junod), in Mus. Coll.; Buffelskloof, December (A. G. Cook); Warmbaths (H. L. L. Feltham).

276. *Abantis venosa* Trimen.

S. Afr. Buttfl., 3, p. 339 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 21.

Shilouvane, May, September (H. A. Junod), in Mus. Coll.; Barberton (Palmer, teste R. Trimen); White River (A. T. Cooke); Shilouvane, per H. A. Junod (H. L. L. Feltham).

277. *Abantis levubu* (Wallengren).

Trimen, S. Afr. Buttfl., 3, p. 345, pl. 12, f. 5 (1889); Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 22.

Leucochitonea levubu Willgr., Lep. Rhop. Caffr., p. 52 (1857).

Lydenburg District (P. A. Krantz); Piensaars River, January (R. v. Jutrzencka), in Mus. Coll.; Upper Limpopo (Barber and Selous) and Potchefstroom (T. Ayres, teste R. Trimen); Waterberg District and Zoutpansberg (W. L. Distant); Buffelskloof (A. G. Cook).

GENUS HESPERIA, FABRICIUS.

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 22.

Pyrgus Trimen, S. Afr. Buttfl., 3, p. 278 (1889).

278. *Hesperia vindex* (Cramer).

Papilio vindex Cr., Pap. Exot., 4, pl. 353, ff. G, H (1782).

Pyrgus vindex Trimen, S. Afr. Buttfl., 3, p. 280 (1889).

Hesperia spio Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 22.
Common everywhere.

279. *Hesperia dromus* (Plöetz).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 23.

Pyrgus dromus Plöetz, Mitth. nat. Ver. Neu. Vorpomm, u. Rug., 1884, p. 6; Trimen, S. Afr. Buttfl., 3, p. 283 (1889).

Shilouvane, April, September (H. A. Junod); Barberton, December (Gould), in Mus. Coll.; Pretoria, February, March (W. L. Distant); Pretoria, December, and Warmbaths, January (A. G. Cook).

280. *Hesperia ferox* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 23.

Syrictus ferox Wllgr., Wien. Ent. Monatschr., 1863, p. 137.

Pyrgus diomus, Trimen, S. Afr. Buttfl., 3, p. 287 (1889).

Common.

281. *Hesperia asterodia* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 24.

Pyrgus asterodia Trimen, Trans. Ent. Soc. Lond., (3) 2, p. 178 (1864); S. Afr. Buttfl., 3, p. 284 (1889).

Johannesburg, September, October (A. Ross); Waterval, September (A. J. T. Janse), in Mus. Coll.; Pretoria, September (W. L. Distant): Potchefstroom (Morant and Ayres, teste R. Trimen); Johannesburg (H. L. L. Feltham); id. February, and Witpoortje, December (A. G. Cook).

* 282. *Hesperia transvaalica* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 24.

Pyrgus transvaalica Trimen, S. Afr. Buttfl., 3, p. 286 (1889).

Potchefstroom District (T. Ayres, teste R. Trimen); De Kroon, March, Warmbaths, January, and Buffelskloof, December (A. G. Cook); Johannesburg and Warmbaths (H. L. L. Feltham).

* 283. *Hesperia agylla* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 24.

Pyrgus agylla Trimen, S. Afr. Buttfl., 3, p. 286 (1889).

Johannesburg (H. L. L. Feltham).

284. *Hesperia mafa* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 24.

Pyrgus mafa Trimen, Tr. Ent. Soc. Lond., 1870, p. 386, pl. 6, f. 12; S. Afr. Buttfl., 3, p. 287 (1889).

A fairly common species.

285. *Hesperia secessus* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 25.

Pyrgus secessus Trimen, Proc. Zool. Soc. Lond., p. 102, pl. 9, f. 22.

Shilouvane (H. A. Junod); Barberton, December (Gould), in Mus. Coll.

GENUS CARCHARODUS, HÜBNER.

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 26.

286. *Carcharodus elma* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 26.

Pyrgus elma Trim., Trans. Ent. Soc. Lond., (3) 1, p. 288 (1866); S. Afr. Buttfl., 3, p. 293 (1889).

Malalane, February, and Barberton, December (Gould), in Mus. Coll.; Potechefstroom District and Upper Limpopo (teste Trimen); Johannesburg, April (A. G. Cook and A. T. Cooke); Johannesburg, White River Settlement, and Warmbaths (H. L. L. Feltham).

GENUS ACLEROS, MABILLE.

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 28.

Ancyloxypha Trimen, S. Afr. Buttfl., 3, p. 330 (1889).

287. *Acleros mackenii* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, 1, p. 29.

Pamphila (?) *mackenii* Trimen, Trans. Ent. Soc. Lond., 1868, p. 95, pl. 6, f. 8.

Ancyloxypha mackenii, Trimen, S. Afr. Buttfl., 3, p. 331 (1889).
Shilouvane (H. A. Junod), in Mus. Coll.

GENUS PAROSMODES, HOLLAND.

Proc. Zool. Soc. Lond., 1896, p. 45.

288. *Parosmodes morantii* Trimen.

Holland, Proc. Zool. Soc. Lond., 1896, p. 45.

Pamphilia morantii, Trimen, Tr. Ent. Soc. Lond., 1873, p. 122; S. Afr. Buttfl., 3, p. 311, pl. 12, f. 3 (1889).

Shilouvane, March, August, September (H. A. Junod), in Mus. Coll.; Fountain Grove, Pretoria District (H. A. Fry, teste H. L. L. Feltham); Upper Limpopo (teste Trimen); Komatipoort (G. W. Jeffery).

* 289. *Parosmodes icteria* (Mabille).

Holland, Proc. Zool. Soc. Lond., 1896, p. 45.

Pamphila icteria Mab., C. R. Soc. Ent. Belg., 35, p. clxxx (1821).

Pamphila zimbaso Trimen., Proc. Zool. Soc. Lond., 1896, p. 74, pl. 6, f. 17.

Transvaal (teste Mabille).

GENUS CYCLOPIDES, HÜBNER.

Trimen, S. Afr. Buttfl., 3, p. 264 (1889).

Holland, Proc. Zool. Soc. Lond., 1896, p. 48.

290. *Cyclopides metis* (Linnaeus).

Trimen, S. Afr. Buttfl., 3, p. 266 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 48.

Barberton, January (Gould); Shilouvane, March, April (H. A. Junod), in Mus. Coll.; Lydenburg District (T. Ayres, teste R. Trimén); Auckland Park, February (A. Ochse).

* 291. *Cyclopides malgacha* (Boisduval).

Trimen, S. Afr. Buttfl., 3, p. 268 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 48.

Stropes malgacha Boisd., Faune Ent. Madag., p. 67 (1833).

Johannesburg, December, January (A. G. Cook).

292. *Cyclopides aegipan* Trimén.

Trans. Ent. Soc. Lond., 1868, p. 94, pl. 6, f. 9; S. Afr. Buttfl., 3, p. 271 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 48.

Waterval Boven, August (Rev. Tomlinson), in Mus. Coll.; Lydenburg District (T. Ayres, teste Trimén).

293. *Cyclopides willemi* (Wallengren).

Trimen, S. Afr. Buttfl., 3, p. 273 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 48.

Heteropterus willemi Willgr., Lep. Rhop. Caffr., p. 47 (1857).

Plat River, Waterberg District, March, and Wonderboompoort, January (C. J. Swierstra), in Mus. Coll.; Lydenburg District (T. Ayres, teste Trimén); Barberton (C. F. Palmer); Crocodile River (F. H. Barber); Marico River (F. C. Selous, teste R. Trimén); Pretoria, December, and Warmbaths, January (A. G. Cook); White River (A. T. Cooke); Fountain Grove, Pretoria District (H. L. L. Feltham).

294. *Cyclopides meninx* Trimén.

Trans. Ent. Soc. Lond., 1873, p. 221, pl. 1, f. 12; S. Afr. Buttfl., 3, p. 272 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 49.

Koedoespoort, Pretoria District, February (A. J. T. Janse); Wonderfontein, February (A. Ross), in Mus. Coll.; Potchefstroom (W. Marrant and T. Ayres, teste R. Trimén); Johannesburg, December (A. Ochse), id., and White River Settlement (H. L. L. Feltham); White River, December (A. G. Cook).

295. *Cyclopides tsita* Trimén.

Trans. Ent. Soc. Lond., 1870, p. 386, pl. 6, f. 13; S. Afr. Buttfl., 3, p. 276 (1889); Holland, Proc. Zool. Soc. Lond., 1896, p. 50.

Fairly common almost everywhere in the Transvaal.

GENUS KEDESTES, WATSON.

Proc. Zool. Soc. Lond., 1893, p. 96; Holland, Proc. Zool. Soc. Lond., 1896, p. 54.

296. *Kedestes lepenula* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, p. 54.

Hesperia lepenula Willgr., Lep. Rhop. Caffr., p. 50 (1857).

Thymelicus lepenula Trimen, S. Afr. Buttl., 3, p. 300, pl. 11, f. 6 (1889).

Piensaars River, December (R. v. Jutrzenka), in Mus. Coll.; Potchefstroom (T. Ayres, teste R. Trimen); Warmbaths (H. L. L. Feltham); id., January (A. G. Cook).

297. *Kedestes macomo* (Trimen).

Holl., Proc. Zool. Soc. Lond., 1896, p. 55.

Cyclopides macomo Trimen, Trans. Ent. Soc. Lond., (3) 1, p. 405 (1862).

Thymelicus macomo Tr., S. Afr. Buttl., 3, p. 302 (1889).

Malalane, February, and Barberton, December (Gould), in Mus. Coll.; Barberton (G. W. Jeffery).

298. *Kedestes tucusa* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, p. 55.

Pyrgus tucusa Trimen, Trans. Ent. Soc. Lond., 1883, p. 359; S. Afr. Buttl., 3, p. 297 (1889).

Pretoria, January (C. J. Swierstra); Waterval Onder, December (A. Ross); Barberton (G. W. Jeffery), in Mus. Coll.; Rustenburg District (W. L. Distant); Johannesburg (A. T. Cooke and H. L. L. Feltham).

* 299. *Kedestes mohozutza* (Wallengren).

Holland, Proc. Zool. Soc. Lond., 1896, p. 55.

Hesperia mohozutza Willgr., Lep. Rhop. Caffr., p. 50 (1857); Trimen, S. Afr. Buttl., 3, p. 294 (1889).

Johannesburg (H. L. L. Feltham).

300. *Kedestes callicles* (Hewitson).

Holland, Proc. Zool. Soc. Lond., 1896, p. 55.

Cyclopides callicles Hew., Descript. one hundred new Hesp., p. 42 (1868).

Pamphila callicles Trimen, S. Afr. Buttl., 3, p. 309 (1889).

Piensaars River, January (R. v. Jutrzenka); Barberton, January (Gould), in Mus. Coll.; Pretoria District, February (W. L. Distant); Johannesburg (A. T. Cooke, teste H. L. L. Feltham); Nelspruit (A. T. Cooke); Warmbaths, January (A. G. Cook).

301. *Kedestes barberae* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, p. 56.

Cyclopides barberae Trimen, Trans. Ent. Soc. Lond., 1873, p. 120, pl. 1, f. 11; S. Afr. Buttfl., 3, p. 306 (1889).

Johannesburg, November (A. Ross), in Mus. Coll.; Johannesburg (H. L. L. Feltham), id., October, November, December (A. G. Cook).

302. *Kedestes wallengreni* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, p. 56.

Thymelicus wallengreni Trimen, Trans. Ent. Soc. Lond., 1883, p. 361; S. Afr. Buttfl., 3, p. 304, pl. 11, f. 7 (1889).

Johannesburg, January, and Waterval Onder, December (A. Ross), in Mus. Coll.; Johannesburg, January, Buffelskloof, December, and White River, December (A. G. Cook).

GENUS GEGENES, HÜBNER.

Holland, Proc. Zool. Soc. Lond., 1896, p. 58.

303. *Gegenes hottentota* (Latreille).

Holland, Proc. Zool. Soc. Lond., 1896, p. 58.

Hesperia hottentota Latr., Encycl. Meth., 9, p. 777 (1823).

Pamphila hottentota Trimen, S. Afr. Buttfl., 3, p. 314 (1889).

Common everywhere.

* 304. *Gegenes* (?) *occulta* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, p. 59.

Pamphila occulta Trimen, Proc. Zool. Soc. Lond., 1891, p. 103.

Johannesburg, Crocodile River, south of Magaliesberg, and Warmbaths (H. L. L. Feltham); Johannesburg, April, and Warmbaths, April (A. G. Cook).

GENUS PADRONA, MOORE.

Holland, Proc. Zool. Soc. Lond., 1896, p. 59.

305. *Padrona zeno* (Trimen).

Holland, Proc. Zool. Soc. Lond., 1896, p. 59, pl. 3, f. 6.

Pamphila zeno Trimen, Trans. Ent. Soc. Lond., (3) 2, p. 179 (1864); S. Afr. Buttfl., 3, p. 313, pl. 12, f. 2 (1889).

Waterval Onder, December (A. Ross); Barberton, December (Gould); id., September (Miss De Beer); Shilouvane, March (H. A. Junod), in Mus. Coll.; Nelspruit (H. L. L. Feltham); White River (A. T. Cooke).

GENUS CHAPRA, MOORE.

Holland, Proc. Zool. Soc. Lond., 1896, p. 60.

306. *Chapra mathias* (Fabricius).

Holland, Proc. Zool. Soc. Lond., 1896, p. 60.

Hesperia mathias F., Ent. Syst. Suppl., p. 433 (1798).

Pamphila mohopaani Trimen, S. Afr. Buttfl., 3, p. 324 (1889).

Rooiplaat, Pretoria District, March (C. J. Swierstra); Barberton, December (Gould); Shilouvane, March (H. A. Junod), in Mus. Coll.; Johannesburg, January, Witpoortje, April, and Buffelskloof, December (A. G. Cook); Warmbaths (H. L. L. Feltham); Upper Limpopo (F. C. Selous, teste R. Trimen).

GENUS PANARA, MOORE.

Holland, Proc. Zool. Soc. Lond., 1896, p. 62.

307. *Panara borbonica* (Boisduval).

Holl., Proc. Zool. Soc. Lond., 1896, p. 62.

Hesperia borbonica Bsd., Faune Ent. Mad.; p. 65, pl. 9, ff. 5, 6 (1833).

Pamphila borbonica Trimen, S. Afr. Buttfl., 3, p. 322 (1889).

Lydenburg District (P. A. Krantz), in Mus. Coll.

GENUS BAORIS, MOORE.

Holland, Proc. Zool. Soc. Lond., 1896, p. 66.

308. *Baoris lugens* (Hopffer).

Holl., Proc. Zool. Soc. Lond., 1896, p. 66.

Pamphila lugens Hopff., Monatsber. K. Ak. Wiss. Berl., 1855, p. 643; Trimen, S. Afr. Buttfl., 3, p. 318 (1889).

Pieniaars River (R. v. Jutrzencka), in Mus. Coll.

309. *Baoris ayresii* (Trimen).

Holl., Proc. Zool. Soc. Lond., 1896, p. 72.

Pamphila ayresii Trimen, S. Afr. Buttfl., 3, p. 321, pl. 12, f. 1 (1889).

Johannesburg, September (A. Ross); Shilouvane, September (H. A. Junod), in Mus. Coll.; Lydenburg District (T. Ayres, teste R. Trimen); Johannesburg, September, October, and Witpoortje, July (A. G. Cook); Johannesburg and White River Settlement (H. L. L. Feltham).

GENUS PLATYLESCHES, HOLLAND.

Proc. Zool. Soc. Lond., 1896, p. 72.

310. *Platylesches moritili* (Walleugren).

Holl., Proc. Zool. Soc. Lond., 1896, p. 72.

Hesperia moritili Wlgr., Lep. Rhop. Caffr., p. 49 (1857).

Pamphila moritili Tr., S. Afr. Buttfl., 3, p. 319, pl. 12, f. 4 (1889).

Common everywhere.

* 311. *Platylesches amadhu* (Mabille).

Holl., Proc. Zool. Soc. Lond., 1896, p. 73, pl. 5, f. 11.
 Pamphila amadhu Mab., C. R. Soc. Ent. Belg., 35, p. clxxviii
 (1891).
 Transvaal (teste Mabille).

GENUS ATRITROPA, HOLLAND.

Proc. Zool. Soc. Lond., 1896, p. 92.

312. *Atritropa erinnys* (Trimen).

Holl., Proc. Zool. Soc. Lond., 1896, p. 93.
 Pamphila erinnys Trimen, Trans. Ent. Soc. Lond., (3) 1, p. 290
 (1861); S. Afr. Buttfl., 3, p. 326 (1889).
 Barberton, January (Gould), in Mus. Coll.

GENUS RHOPALOCAMPTA, WALLENGREN.

Lep. Rhop. Caffr., p. 47 (1857); Holl., Proc. Zool. Soc. Lond.,
 1896, p. 97.

313. *Rhopalocampta unicolor* (Mabille).

Holl., Proc. Zool. Soc. Lond., 1896, p. 97.
 Ismene unicolour Mab., Ann. Soc. Ent. France, (5) 7, p. xxix
 (1817).
 Hesperia unicolor Trimen, S. Afr. Buttfl., 3, p. 375 (1889).
 Barberton, April (Miss De Beer); Shilouvane, April (H. A.
 Junod), in Mus. Coll.

* 314. *Rhopalocampta anchises* (Gerstacher).

Holl., Proc. Zool. Soc. Lond., 1896, p. 98.
 Ismene anchises Gerst., Gliederth-Fauna d. Zansib.-Gebiet,
 p. 374, pl. 15, ff. 6, 6a (1873).
 Hesperia anchesis Trimen, S. Afr. Buttfl., 3, p. 374 (1889).
 Boksburg (A. G. Cook).

315. *Rhopalocampta forestan* (Cramer).

Holl., Proc. Zool. Soc. Lond., 1896, p. 98.
 Papilio forestan Cr., Pap. Exot., 4, pl. 391, ff. E, F (1782).
 Hesperia forestan Trimen, S. Afr. Buttfl., 3, p. 368 (1889).
 Shilouvane (H. A. Junod), in Mus. Coll.; Johannesburg, April
 (A. G. Cook and A. T. Cooke); White River (A. T. Cooke); Warm-
 baths (H. L. L. Feltham); Pretoria, April (W. L. Distant); Barber-
 ton (R. Trimen and G. W. Jeffery).

316. *Rhopalocampta pisistratus* (Fabricius).

Holl., Proc. Zool. Soc. Lond., 1896, p. 99.
 Hesperia pisistratus Fabr., Ent. Syst. 3, p. 345 (1793); Trimen,
 S. Afr. Buttfl., 3, p. 371, pl. 12, f. 10 (1889).
 Generally distributed.

NOTES ON SOME OF THE SPECIES.

2. *Danaïda chrysippus alcippus* (Cramer).—The Transvaal specimens have the white suffusion on the hindwing less developed than is the case in specimens from Natal.

3. *Danaïda chrysippus dorippus* (Klug).—A very rare species in South Africa. The only Transvaal specimen in the Museum Collection differs from the East African examples in the darker and duller ground colour, the much deeper black of the border and the white spots on forewing being smaller.

4. *Amauris niavius dominicanus* Trimen.—Restricted to the eastern and north-eastern parts of the Transvaal, and even there far from common.

6. *Amauris echeria* (Stoll).—With the variety albimaculata restricted to the eastern parts of the Transvaal.

8. *Melanitis leda* (Linnaeus).—A rare species in the higher parts of the Transvaal, but, according to Mr. G. W. Jeffery, common at Barberton.

11. *Mycalesis ena* Hewitson.—I had previously put the specimens in the Museum Collection as *M. (?) selousi*, on account of it differing from that species by its prominent ocelli and also in a few minor points. But after I have seen the remarks made by Mr. G. A. K. Marshall and Dr. Butler, as published in the Proc. Zool. Soc., 1898, p. 903, I am now almost certain that our specimens belong to the *Mycalesis ena* Hew., although I have not been able to compare them with the original description.

12. *Mycalesis safitza* Hewitson.—“Fairly common in the Barberton District” (G. W. Jeffery); Eastern Transvaal (Butler, Proc. Zool. Soc., 1898).

14. *Henotesia perspicua* Butler.—Fairly common in the eastern and northern parts of the Transvaal; also from Crocodile River, south of Magaliesberg (teste H. L. L. Feltham). “Very common in the Barberton District.”—G. W. Jeffery.

15. *Henotesia perspicua simonsii* Butler.—I have followed Marshall, Trans. Ent. Soc. Lond., 1896, p. 562, in treating *H. simonsii* as a form of *H. perspicua*.

16. *Meneris tulbaghia* (Linnaeus).—Mr. A. T. Cooke writes:—“The latest date I have known it to be taken was 20th April.”

24. *Pseudonympha cassius* (Godt.).—Shilouvane specimens from H. A. Junod, also in Mr. H. L. L. Feltham’s collection.

34. *Acraea burni* Butler.—“Nelspruit, very local. These are found sailing round and round the trees by the Crocodile River, and are easy of capture.”—A. T. Cooke.

“I have seen one taken by Mr. Ochse at Bertrams, Johannesburg.”—H. L. L. Feltham.

36. *Acraea neobule* Doubleday.—Fairly common all through the Transvaal.

41. *Acraea asema* Hewitson.—Mr. H. L. L. Feltham considers two specimens—a male and female—in his collection, which he received from Rev. H. A. Junod, and labelled Shilouvane, “undoubtedly *A. asema* Hew.” Whether *A. asema* is not a form of *A. violarum*, as already hinted at by Aurivillius, I would prefer to leave an open question till such time when we possess more material from different localities. Mr. Trimen, S. Afr. Butfl., 1, p. 26, has

also drawn attention to this, where he remarks "that every marking in *A. asema* corresponds closely in form and position with those of the totally different looking, very strongly marked, and richly coloured *A. violarum* Bsd.; and, curiously enough, a precisely similar alteration occurs in the sub-marginal series of the forewing, being crescentic instead of rounded."

The following remarks on specimens in the Museum Collection point in the same direction:—

Three males in the Museum Collection from Umtali, South-East Rhodesia, agree in all respects with the description by Trimen of *A. asema* Hew. Specimens from Potgietersrust, Krabbefontein, and Shilouvane, although coming near to *A. asema* Hew., at the same time exhibit distinctly their near relationship to *A. violarum* Bsd., by their size and general colour. They also show the same aberration as referred to by Trimen. One specimen, from Shilouvane, has got the spots and margins quite as much developed as in *A. violarum* Bsd., but is not so brightly coloured, neither are the spots so intensively black as in typical *violarum*. Two species from Potgietersrust, on the other hand, I would have considered to be *A. asema* Hew., but for their colour, which, although not as bright as in *violarum*, is distinctly *not* semitransparent, and more ochre-reddish than ochre-yellowish.

47. *Acraea aglaonice* Westw.—"Have taken this right through the summer and winter."—A. T. Cooke.

"Quite common in some seasons, even flying in the main streets of Johannesburg."—H. L. L. Feltham.

"Common in the Barberton District."—G. W. Jeffery.

48. *Acraea axina* Westw.—"Both in winter and summer near Warmbaths."—H. L. L. Feltham.

Genus *Precis* Hübn.—I have followed Aurivillius, including *Junonia*, in this genus.

72. *Precis archesia pelasgis* (Godt.)—"In the two very wet seasons of 1893 and 1909 I have noticed this variety to be particularly more abundant than it is in ordinary seasons."—H. L. L. Feltham.

77-79. *Hypolimnas misippus* (Linnaeus).—"All three forms of females are found at Johannesburg in fine gradations. *Inaria* and *misippus* proper are the most abundant. It may be remarked that the forms *alcippus* and *dorippus* are specially rare—*dorippus* especially so. I have only taken one *dorippus*."—H. L. L. Feltham.

96. *Charaxes etheocles chanleri* Holl.—"The form found at Warmbaths, and probably throughout the Bushveld, appears to me to be nearest to that described as *C. etheocles etheocles* (Rothschild) form *Chandleri* Holl., and is more like *C. ephyra* of Godart. No doubt the Bushveld specimens differ in size and markings very markedly from *ethalion*, from Natal and the coast belt."—H. L. L. Feltham.

After carefully comparing the Museum specimens with Rothschild's description, I have no doubt that Mr. Feltham is correct, although I cannot fall in with his suggestion that this form is more like *Ch. ephyra* Godart. The specimens in the Museum Collection have on the forewing *above*, at least, two postdiscal spots, and with the marginal spots at least fairly large; by no means small or nearly absent as is the case in *Ch. ephyra* Godt.

125. *Spindasis natalensis* Doubl. and Hew.—The Transvaal specimens all exhibit the full development of the ochre-yellow markings of forewing, while in the Natal examples every gradation, from uniform fuscous to the full development, occurs. The Cape Colony specimens do not exhibit the full development. The fuscous of forewing inclining to blackish, the blue much brighter than in the Transvaal specimens.

127. *Spindasis ella* (Hewit.)—In the Transvaal specimens there seems to occur two well-marked seasonal phases. The dry phase, with the ochre-yellow bands on upperside of forewing, stronger developed than in the wet phase; the ground colour of the underside of both wings, which is in the wet phase yellowish, is in the dry phase of a sandy brown colour, with the markings less conspicuous. The Museum specimens from Natal exhibit the same seasonal differences.

129. *Aziocerses harpax* (Fabr.)—The two males from Waterval Onder exhibit a variety in which the upperside is dull orange-red, with dull brown-black borders, giving them rather a smoky appearance. The underside is also of a duller colour, and the golden spots not as brilliant as in typical *A. harpax* from the Transvaal.

The four males from Bandolierkop and Woodbush respectively represent the dry phase of this species. They are much smaller than the average dry phase specimens, with the borders on upperside not as wide, while the spots are more distinct; the underside pale sandy brown, and with the golden spots in hindwing very much reduced.

138. *Zeritis thyra* (Linn.)—The four males from Shilouvane, Zoutpansberg District, differ from typical *thyra* from Cape Colony in the following points:—The orange-red of upperside is lighter, the border of forewing not as broad, while on the underside the markings in hindwing are of a more silvery white colour, the median streak in one specimen very distinct, more regularly dentated, not touching streak which closes cell; in others, all the markings are very much reduced. Cilia white interruptions very minute.

139. *Zeritis dentatis* Sw.—“This is one of the numerous forms of *Thyra*; a closely related form from Dordrecht, Cape Colony, has the same bright and extended field above, but the underneath marks are of the olive-brown form of field. There is again another form resembling this above, but going off in the direction of *simplex* below, also found at Johannesburg. If *thyra* is to be split up, then, in addition to the above distinct departures from the type, the melanic form from Knysna, Cape Colony, should be distinguished, and *Z. zilka* of Gross-Smith must stand as an independent species. Mr. Trimen, however, prefers to place it as a variation only of *Thyra*.”—H. L. L. Feltham.

With reference to my note on *Z. thyra* (Linn.), it is not at all impossible that Mr. Feltham is correct in considering this species a variety of *Z. thyra*. For the time being, however, I prefer to keep *Z. dentatis* (Sw.) as a distinct species until such time when more material is available, I am able by comparison of specimens from different localities, whether to treat it as a variety of *Z. thyra* (L.) or to consider it a distinct species.

142. *Zeritis damarensis* (Trim.)—These five specimens from Wonderboompoort agree in all respects with Trimen's description and figure. The female from Crocodilepoort resemble the males in upperside colour and markings.

143. *Zeritis taikosama* (Willgr.)—In the Museum Series the males show all gradations of development of the orange-yellow markings on upperside, viz., from a few orange-yellow scales only to a well-developed patch. In the females, the orange-yellow patch is still more developed, occupying in one specimen more than half the surface of the wings with the bases strongly suffused with paler orange-yellow.

Two males from Potgietersrust exhibit a well-marked white dot at end of cell on forewing.

157. *Lycaena marshalli* (Butl.)—"I occasionally find this in my own and friends' gardens where there are cultivated geraniums. I doubt its being wild here. I think it is introduced with geranium plants on which the larva feeds. I have bred it at Capetown on cultivated geranium. I believe it was introduced into Kimberley in the same way. I never took it out of town or away from a garden where geraniums grew."—H. L. L. Feltham.

"I thought for a long time that this was not a good species of Dr. Butler's. I understand, however, that Mr. A. D. Millar, of Durban, and other good Natal collectors consider it rightly separated from palemon (with the violet-tinted male); I have, however, since taken the paired sexes of Marshalli, which, I think, settles the matter."—H. L. L. Feltham.

Lycaena asteris Godt.—Although Mr. W. L. Distant, on the authority of Wallengren, mentions this species as being from the Transvaal, I have not included it in this list on the strength of Mr. Trimen's remark, *vide* S. Afr. Buttl., 2, p. 26, "The true asteris has not to my knowledge been found away from the Cape Peninsula, but it has a very close ally inhabiting various parts of the Colony," etc., and also as none of my correspondents has ever taken a specimen so far.

183. *Lycaena jefferyi* (Sw.)—Some time ago the Museum again received a few lepidoptera from the Barberton District, presented by G. W. Jeffery, F.E.S., amongst which was a fine female of *Lycaena jefferyi*, the male of which I described in the Transvaal Museum Annals, Vol. I, p. 176. It differs from the male in several points.

Head: Palpi, thorax, abdomen, and legs as in male.

Wings: Upperside brownish grey, with a dark violaceous blue disc, leaving fairly broad borders of ground colour.

Forewing: The streak closing cell more distinct, broader; a small postmedian spot of ground colour between veins 1 and 2.

Hindwing: The hind marginal black spot better developed, bordered on the inside by an orange-yellow spot. Cellular mark represented by a small spot of ground colour. Violaceous blue crossed by a postmedian row of five spots, of which the first is indistinct, and placed between veins 1 and 2.

Underside: Of a lighter greyish colour than male, with the markings whiter edged. Black hind marginal spot the same as in the male. Cilia as in male, but outwardly not as white.

This specimen was caught at Noordkaap, November, 1908.

187. *Lycaena tantalus* Trim.—“One specimen taken by Mr. A. T. Cooke. This specimen was submitted to Mr. Trimén and identified by him.”—H. L. L. Feltham.

201. *Mylothris rüppelli*, Koch.—The two Transvaal specimens from Shilouvane, Zoutpansberg District, are not as brightly coloured as the series in the Museum Collection from West Pondoland. They are also of smaller size. I am not aware of other localities, except the above in the Transvaal. W. L. Distant also records it from the same district.

217. *Teracolus eris* (Klug.)—The specimens from Bandolierskop represent an extreme form of the dry phase. The golden yellow apical spots are reduced to three very small greyish spots, while the whole apical patch is reddish brown with a violaceous gloss, which is strongest towards inner margin of same. In hindwing there is no trace of the hind marginal spots, while the costal band and inner hind marginal border of forewing are as well developed as in the wet phase of the species. Underside of hindwing and apical portion of forewing exhibit the red sand colour common to the dry phase of the Teracoli. The black spots on underside of forewing and the discoidal spot of hindwing are very much reduced.

220. *Teracolus ione phlegyas* Butl.—These five specimens from Komatipoort (Jeffery) are all females of the dry phase, one of which has the primaries light lemon yellow with the black spots crossing apical patch, better pronounced, while another specimen belongs to a form not yet described. Instead of a brighter orange-yellow apical patch, crossed with blackish spots, as figured by Miss Sharpe in her monograph of the Teracoli, plate 22, fig. 1a, this specimen has the apical patch reddish brown inwardly bordered by a fairly broad black band and crossed by five whitish spots between the veins. The veins crossing the black border are of the same colour as the apical patch. The underside does not differ from the typical wet phase females.